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UNIVERSITY



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VOLUME 14

April, 1942

NUMBER 6

BULLETIN OF DUKE UNIVERSITY

Undergraduate Instruction

(Trinity College, the Woman's College, and the
College of Engineering)



1941-1942

ANNOUNCEMENTS FOR 1942-1943

PUBLISHED BY THE UNIVERSITY

DURHAM, NORTH CAROLINA

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ANNUAL BULLETINS

For GENERAL BULLETIN of Duke University, apply to *The Secretary*, Duke University, Durham, N. C.

For BULLETIN OF UNDERGRADUATE INSTRUCTION, apply to *The Secretary*, Duke University, Durham, N. C.

For BULLETIN OF THE GRADUATE SCHOOL OF ARTS AND SCIENCES, apply to *The Dean of the Graduate School*, Duke University, Durham, N. C.

For BULLETIN OF THE SCHOOL OF LAW, apply to *The Dean of the School of Law*, Duke University, Durham, N. C.

For BULLETIN OF THE SCHOOL OF MEDICINE, apply to *The Dean of the School of Medicine*, Duke University, Durham, N. C.

For BULLETIN OF THE SCHOOL OF NURSING, apply to *The Dean of the School of Nursing*, Duke University, Durham, N. C.

For BULLETIN OF THE DIVINITY SCHOOL, apply to *The Dean of the Divinity School*, Duke University, Durham, N. C.

For BULLETIN OF THE SCHOOL OF FORESTRY, apply to *The Dean of the School of Forestry*, Duke University, Durham, N. C.

For BULLETIN OF THE COLLEGE OF ENGINEERING, apply to *The Secretary*, Duke University, Durham, N. C.

For BULLETIN OF THE SUMMER SESSION, apply to *The Director of the Summer Session*, Duke University, Durham, N. C.

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UNDERGRADUATE INSTRUCTION

(Trinity College, the Woman's College, and the
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UNIVERSITY CALENDAR

1942

- June 9 Tuesday, 9:00 A.M.—Registration of students for Summer Session, first term.
- June 10 Wednesday, 8:00 A.M.—Instruction begins for Summer Session, first term.
- July 4 Saturday, Independence Day: a holiday.
- July 18, 20 Saturday, Monday—Final examinations for Summer Session, first term.
- July 21 Tuesday, 9:00 A.M.—Registration of students for Summer Session, second term.
- July 21 Tuesday, 2:00 P.M.—Instruction begins for Summer Session, second term.
- August 29 Saturday—Final examinations for Summer Session, second term.
- Sept. 10 Thursday, 9:00 A.M.—Dormitories open to Freshmen.
- Sept. 10 Thursday, 8:00 P.M.—Assembly for all entering Freshmen; Freshmen Orientation Program begins.
- Sept. 15 Tuesday—Freshman instruction begins.
- Sept. 15 Tuesday—Registration and matriculation of new students with advanced standing.
- Sept. 16 Wednesday, 11:00 A.M.—Formal opening of the College; registration of matriculated students.
- Sept. 17 Thursday—Instruction for Sophomores, Juniors, and Seniors begins.
- Sept. 17-19 Thursday, 9:00 A.M.-1:00 P.M.; 2:30 P.M.-4:00 P.M.; Friday, 9:00 A.M.-1:00 P.M.; 2:30 P.M.-5:00 P.M.; Saturday, 9:00 A.M.-1:00 P.M.—Registration of graduate students.
- Nov. 26 Thursday—Thanksgiving Day: a holiday.
- Dec. 11 Friday—Duke University Day.
- Dec. 19 Saturday, 1:00 P.M.—Christmas recess begins.
- Dec. 29 Tuesday, 1:00 P.M.—Instruction is resumed.

1943

- Jan. 15 Friday—Mid-year examinations begin.
- Jan. 23 Saturday—Last day for matriculation for second semester.

- Jan. 25 Monday—Second semester begins.
- April 10 Saturday—Last day for submitting orations for Wiley Gray Contest.
- April 30 Friday—Last day for selection of courses for ensuing year.
- May 3 Monday—Earliest date for beginning of Honors examinations.
- May 12 Wednesday—Final examinations, second semester, begin.
- May 20 Thursday—Final examinations, second semester, end.
- May 22 Saturday—Commencement Day.

1942

JANUARY							APRIL							JULY							OCTOBER						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
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18	19	20	21	22	23	24	19	20	21	22	23	24	25	19	20	21	22	23	24	25	18	19	20	21	22	23	24
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15	16	17	18	19	20	21	10	11	12	13	14	15	16	9	10	11	12	13	14	15	15	16	17	18	19	20	21
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							31	30	31																		

MARCH							JUNE							SEPTEMBER							DECEMBER							
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15	16	17	18	19	20	21	14	15	16	17	18	19	20	13	14	15	16	17	18	19	13	14	15	16	17	18	19	
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1943

JANUARY							APRIL							JULY							OCTOBER						
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FEBRUARY							MAY							AUGUST							NOVEMBER						
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21	22	23	24	25	26	27	16	17	18	19	20	21	22	22	23	24	25	26	27	28	21	22	23	24	25	26	27
28							23	24	25	26	27	28	29	29	30	31	28	29	30								
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MARCH							JUNE							SEPTEMBER							DECEMBER						
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28	29	30	31	27	28	29	30	26	27	28	29	30															

GOVERNING BODIES AND OFFICERS

EXECUTIVE COMMITTEE OF THE UNIVERSITY

(Consisting of three members from the University Trustees, three from the Endowment Trustees, and the President of the University.)

	Year of Election		
J. F. BRUTON, Chairman	1918	Wilson,	N. C.
G. G. ALLEN	1923	New York,	N. Y.
M. E. NEWSOM	1917	Durham,	N. C.
W. N. REYNOLDS	1933	Winston-Salem,	N. C.
J. H. SEPARK	1929	Gastonia,	N. C.
W. R. PERKINS	1937	New York,	N. Y.
R. L. FLOWERS	1923	Durham,	N. C.

UNIVERSITY TRUSTEES

Term Expires December 31, 1943

G. G. ALLEN	1923	New York,	N. Y.
J. H. BARNHARDT	1918	Raleigh,	N. C.
JAMES A. BELL, Vice-Chairman	1920	Charlotte,	N. C.
R. G. CHERRY	1934	Gastonia,	N. C.
R. L. FLOWERS	1927	Durham,	N. C.
J. P. FRIZZELLE	1937	Snow Hill,	N. C.
THOMAS M. GRANT	1933	Greenville,	N. C.
J. R. SMITH	1934	Mount Airy,	N. C.

FROM THE ALUMNI

B. F. FEW	1941	New York,	N. Y.
C. F. LAMBETH	1915	Thomasville,	N. C.
H. B. PORTER	1941	Wilson,	N. C.
C. K. PROCTOR	1935	Oxford,	N. C.

Term Expires December 31, 1945

E. S. BOWLING	1939	New York,	N. Y.
B. C. NALLE	1941	Charlotte,	N. C.
M. E. NEWSOM	1917	Durham,	N. C.
W. W. PEELE	1921	Richmond,	Va.
W. R. PERKINS	1924	New York,	N. Y.
D. C. ROPER	1929	Washington,	D. C.
*F. M. WEAVER	1909	Asheville,	N. C.
B. S. WOMBLE	1915	Winston-Salem,	N. C.

FROM THE ALUMNI

	Year of Election		
H. R. DWIRE, Ass't. Rec. Secretary	1931	Durham,	N. C.
N. E. EDGERTON	1941	Raleigh,	N. C.
R. A. MAYER	1897	Charlotte,	N. C.
W. A. STANBURY	1933	Winston-Salem,	N. C.

* Died, January 18, 1942.

Term Expires December 31, 1947

J. F. BRUTON, Chairman.....	1900.....	Wilson,	N. C.
JAMES B. CRAVEN.....	1941.....	Greensboro,	N. C.
D. S. ELIAS.....	1929.....	Asheville,	N. C.
P. H. HANES.....	1912.....	Winston-Salem,	N. C.
J. L. HORNE, JR.....	1934.....	Rocky Mount,	N. C.
*J. A. LONG.....	1915.....	Roxboro,	N. C.
S. B. TURRENTINE.....	1893.....	Greensboro,	N. C.
EARLE W. WEBB.....	1933.....	New York,	N. Y.

FROM THE ALUMNI

S. S. ALDERMAN.....	1934.....	Washington,	D. C.
W. N. REYNOLDS.....	1927.....	Winston-Salem,	N. C.
J. H. SEPARK.....	1916.....	Gastonia,	N. C.
WILLIS SMITH.....	1929.....	Raleigh,	N. C.

ENDOWMENT TRUSTEES

G. G. ALLEN, Chairman.....	1924.....	New York,	N. Y.
W. R. PERKINS, Vice-Chairman.....	1924.....	New York,	N. Y.
N. A. COCKE, Vice-Chairman.....	1924.....	Charlotte,	N. C.
A. H. SANDS, JR., Secretary.....	1924.....	New York,	N. Y.
E. C. MARSHALL, Assistant Secretary.....	1924.....	Charlotte,	N. C.
W. C. PARKER, Treasurer.....	1924.....	New York,	N. Y.
W. B. BELL.....	1924.....	New York,	N. Y.
C. I. BURKHOLDER.....	1924.....	Charlotte,	N. C.
MRS. DORIS DUKE CROMWELL.....	1933.....	New York,	N. Y.
MRS. J. B. DUKE.....	1924.....	New York,	N. Y.
R. L. FLOWERS.....	1926.....	Durham,	N. C.
B. E. GEER.....	1924.....	Greenville,	S. C.
W. S. RANKIN.....	1925.....	Charlotte,	N. C.
W. N. REYNOLDS.....	1931.....	Winston-Salem,	N. C.
W. S. O'B. ROBINSON, JR.....	1932.....	Charlotte,	N. C.

COMMITTEES OF THE UNIVERSITY TRUSTEES

Buildings and Grounds: J. R. SMITH, CHERRY, BARNHARDT.

Business Administration of the University: HANES, *LONG, ELIAS, BOWLING.

Colleges: ALDERMAN, ROPER, HORNE.

Divinity School: PEELE, GRANT, PORTER, EDGERTON.

School of Forestry: DWIRE, NEWSOM, FEW.

Graduate School: WEBB, TURRENTINE, R. L. FLOWERS, CRAVEN.

Law School: WILLIS SMITH, WOMBLE, BELL, FRIZZELLE.

Library: STANBURY, HANES, LAMBETH, **WEAVER.

Medical School and Hospital: MAYER, PROCTOR, NALLE.

Practical Education and Intercollegiate Athletics: SEPARK, J. R. SMITH, PROCTOR.

* Died, September 3, 1941.

** Died, January 18, 1942.

OFFICERS OF ADMINISTRATION

GENERAL ADMINISTRATION

FLOWERS, ROBERT LEE, A.M., LL.D. <i>President of the University</i>	West Campus
WANNAMAKER, WILLIAM HANE, A.B., A.M., Litt.D. <i>Vice-President and Dean of the University</i>	West Campus
DWIRE, HENRY RUDOLPH, A.B., A.M. <i>Vice-President and Director of Public Relations and Alumni Affairs</i>	403 Chapel Hill Street
BROWN, FRANK CLYDE, A.B., A.M., Ph.D. <i>Comptroller</i>	410 Buchanan Road
BROWER, ALFRED SMITH, A.B. <i>Administrative Assistant</i>	518 Morehead Avenue
MARKHAM, CHARLES BLACKWELL, A.B., A.M. <i>Treasurer of the University</i>	204 Dillard Street
JORDAN, CHARLES EDWARD, A.B. <i>Secretary of the University</i>	813 Vickers Avenue

BUSINESS ADMINISTRATION

HENRICKSEN, GERHARD CHESTER, A.B., A.M., C.P.A. <i>Assistant Treasurer</i>	216 Forest Wood Drive, Forest Hills
WEATHERSPOON, EVERETT BROADUS, A.B. <i>Assistant Secretary</i>	125 Pinecrest Road
BOY, CARL A. <i>Superintendent of Maintenance</i>	2224 Erwin Road
DOOLEY, NELL, R.N. <i>Dietitian, the Union</i>	Faculty Apartments, East Campus
GIFT, JOHN C. <i>Superintendent of Maintenance</i>	811 Fifth Street
HOOVER, MARY R., MRS. <i>Supervisor of Dormitories</i>	Powe Apartments, Buchanan Road
MARTIN, LILLY SLADE, MRS. <i>Supervisor of Dormitories</i>	2011 Woodrow Street
MOORE, JOHN MEREDITH, A.B. <i>Manager, the Duke University Stores</i>	Prince Street
NORWOOD, G. D., MRS. <i>Dietitian, Southgate Hall</i>	204 Watts Street
OLIVER, HELEN, MRS. <i>Dietitian, the Union</i>	Corner Fairview and Wells Streets

*SAWYER, OTIS, A.B. <i>Purchasing Agent, Duke University</i>	2010 Club Boulevard
THOMPSON, JAMES EDWARD <i>Manager, the Duke University Dining Halls</i>	504 East Forest Hills Boulevard
TYREE, WILLIAM ALLEN, A.B. <i>Director in the Business Division</i>	610 Buchanan Road
WEGENER, MARY E., MRS. <i>Supervisor of Dormitories</i>	Powe Apartments, Buchanan Road
WHITFORD, WILLIAM EDWARD, A.B. <i>Director in the Business Division</i>	804 Third Street

PUBLIC RELATIONS AND ALUMNI AFFAIRS

DWIRE, HENRY RUDOLPH, A.B., A.M. <i>Director of Public Relations and Alumni Affairs</i>	403 West Chapel Hill Street
DUKES, CHARLES AUBREY, A.B. <i>Assistant Director</i>	1309 Oakland Avenue
GARRARD, ANNE, A.B., A.M. <i>Assistant Director, Alumni Affairs</i>	1023 Gloria Avenue
JACKSON, DAVID KELLY, A.B., A.M. <i>Assistant Editor, Duke University Press</i>	626 Swift Avenue
**MANN, GLENN EDWARD, A.B. <i>Manager, Athletics Division, the News Service</i>	2114 Wilson Street
PENFIELD, ADDISON, A.B. <i>Manager, Athletics Division, the News Service</i>	2633 Chapel Hill Road
***RIVERA, RODOLFO OSVALDO, A.B., A.M., Ph.D. <i>Executive Secretary, Duke University Press</i>	205 W. Markham Avenue
UPCHURCH, WALTER MCGOWAN, JR., A.B., LL.B. <i>Director, Appointments Office</i>	Faculty Apartments
WILKINSON, ALBERT ALEXANDER, A.B. <i>Director, the News Service</i>	1113 Alabama Avenue

EDUCATIONAL ADMINISTRATION

WANNAMAKER, WILLIAM HANE, A.B., A.M., Litt.D. <i>Dean of the University and of Trinity College</i>	West Campus
BALDWIN, ALICE MARY, A.B., A.M., Ph.D. <i>Dean of the Woman's College</i>	East Campus
GREENE, WALTER KIRKLAND, A.B., A.M., Ph.D. <i>Dean of Undergraduate Instruction</i>	Myrtle Drive, West Campus
HERRING, HERBERT JAMES, A.B., A.M. <i>Dean of Men</i>	Myrtle Drive, West Campus

* Absent on National Defense leave, 1941-1942.

** On leave, U. S. Navy service.

*** Absent on leave, 1941-1942.

- MANCHESTER, ALAN KREBS, A.B., A.M., Ph.D.
Dean of Freshmen Myrtle Drive, West Campus
- CLEAVELAND, FREDERIC NEILL, (1940) A.B.
Assistant Dean of Men East Campus
- SMITH, RUTH SLACK, MRS., A.B., A.M. Faculty Apartments, East Campus
Associate Dean of Undergraduate Instruction, Woman's College
- WILSON, MARY GRACE, A.B.
Dean of Residence, Woman's College Brown House
Head of Brown House
- PERSONS, ELIZABETH ANDERSON, MRS., A.B., A.M. 612 Swift Avenue
Assistant Dean in charge of Freshmen of the Woman's College
Secretary of the Committee on Admissions of the Woman's College
- HALL, WILLIAM HOLLAND, A.B., A.M., B.C.E., M.S.C.E.
Dean of the College of Engineering 922 Urban Avenue
- HOOVER, CALVIN BRYCE, A.B., Ph.D., Litt.D. 1702 Duke University Road
Dean of the Graduate School of Arts and Sciences
- DELAPLANE, WALTER HAROLD, A.B., A.M., Ph.D.
Assistant to the Dean of the Graduate School 214 Swift Avenue
- RUSSELL, ELBERT, A.B., A.M., Ph.D., Litt.D.
Dean Emeritus of the Divinity School 804 Fourth Street
- GARBER, PAUL NEFF, A.B., A.M., Ph.D.
Dean of the Divinity School West Campus
- HORACK, HUGO CLAUDE, Ph.B., LL.B., LL.D.
Dean of the School of Law 2021 Myrtle Drive, West Campus
- DAVISON, WILBURT CORNELL, A.B., B.A., B.Sc., A.M., D.Sc., M.D.
Dean of the School of Medicine Hope Valley
- PINKERTON, MARGARET ISABEL, (1939) R.N., B.S.
Dean of the School of Nursing Nurses Home
- BAKER, BESSIE, R.N., B.S.
Dean Emeritus of the School of Nursing Baltimore, Md.
- KORSTIAN, CLARENCE FERDINAND, B.S.F., M.F., M.A., Ph.D.
Dean of the School of Forestry 1718 Duke University Road
- HOLTON, HOLLAND, A.B., J.D.
Director of the Summer Session 809 Watts Street
-
- COLEMAN, MARGARET, A.B., A.M.
Recorder, Trinity College 918 Urban Avenue
- *HUCKABEE, ELLEN HARRIS, A.B., A.M.
Assistant Dean of Residence, Woman's College Pegram House
Head of Pegram House
- KENDALL, HELEN MILDRED, A.B.
Registrar, School of Law H-1-C University Apts.
- KESTLER, MARY, A.B., A.M.
Assistant Dean of Residence, Woman's College Jarvis House
Head of Jarvis House
- SEABOLT, LOUISE, A.B., A.M.
Recorder, Woman's College 805 Watts Street

* Resigned, June 30, 1941.

INSTRUCTIONAL STAFF

This alphabetical list includes all members of the various faculties of the University. The date denotes the first year of service.

- ADAMS, DONALD KEITH, (1931) A.B., M.A., Ph.D.
Associate Professor of Psychology Cornwallis Road
- ADDOMS, RUTH MARGERY, (1930) B.A., M.A., Ph.D.
Associate Professor of Botany 1003 Lamond Avenue
- ADKINS, TROGLER FRANCIS, (1937) M.D.
Instructor in Obstetrics and Gynecology Duke Hospital
- ALEXANDER, LEO, (1941) A.B., M.D.
Associate Professor of Neuropsychiatry 2122 Myrtle Drive
- ALLEN, CLARK LEE, (1941) A.B., A.M.
Instructor in Economics 910 Arnette Avenue
- ALLEN, DON CAMERON, (1938) A.B., Ph.D.
Associate Professor of English 701 Club Boulevard
- ALTVATER, F. VERNON, (1930) A.B., A.M.
Associate in Hospital Administration Route 2, Hillsboro, N. C.
- ALYEA, EDWIN PASCAL, (1930) S.B., M.D.
Associate Professor of Surgery in Charge of Urology Hope Valley
- *ANDERSON, CHARLES ROBERTS, (1930) A.B., A.M., Ph.D.
Associate Professor of English 2516 Stuart Drive
- ANDERSON, LEWIS EDWARD, (1936) B.S., A.M., Ph.D.
Instructor in Botany 2016 Myrtle Drive
- ANDERSON, NORMAN LARUE, (1941) A.B., M.D.
Instructor in Endocrinology Duke Hospital
- ANDERSON, WILLIAM BANKS, (1930) A.B., M.D. 503 E. Forest Hills Blvd.
Associate Professor of Surgery in Charge of Ophthalmology
- ARENA, JAY MORRIS, (1933) B.S., M.D.
Assistant Professor of Pediatrics 2032 Club Boulevard
- ARNOLD, RALPH A., (1936) B.A., M.D.
Instructor in Otolaryngology and Ophthalmology University Apartments
- ASHBY, JULIAN WARRINGTON, (1941) M.D.
Lecturer in Neuropsychiatry Raleigh, N. C.
- ATWOOD, THEODORE W., (1934) A.B., D.M.D.
Associate in Dentistry Allenton Apartments
- AUGUSTINE, ROBERT WILLIAM, (1940) B.S., M.D.
Instructor in Orthopaedics Duke Hospital
- AYCOCK, THOMAS MALCOLM, (1937) B.S., M.S.
Assistant Professor of Physical Education 1404 Alabama Avenue
- BAITY, HERMAN GLENN, (1938) Sc.D.
Lecturer in Public Health Chapel Hill, N. C.
- BAKER, BESSIE, (1930) R.N., B.S.
Dean of the School of Nursing and Professor of Nursing Education, Emeritus Baltimore, Md.
- BAKER, LENOX DIAL, (1937) M.D.
Assistant Professor of Surgery in charge of Orthopaedics Hope Valley

* Resigned, June 30, 1941.

- BAKER, ROGER DENIO, (1930) A.B., M.D.
Assistant Professor of Pathology 1111 Watts Street
- BALDWIN, ALICE MARY, (1923) A.B., A.M., Ph.D.
Professor of History and Dean of the Woman's College East Campus
- BARKER, RUTH ELIZABETH, (1940) A.B., M.S.
Instructor in Medical Social Service 1507 W. Pettigrew Street
- BAUM, PAUL FRANKLIN, (1922) A.B., A.M., Ph.D.
Professor of English 112 Pinecrest Road
- BAYLIN, GEORGE JAY, (1939) A.B., M.D.
Instructor in Anatomy and Radiology University Apartments
- BEAL, JAMES ALLEN, (1939) B.S., M.S., Ph.D.
Professor of Forest Entomology 2232 Cranford Road
- BEARD, JOSEPH W., (1937) B.S., M.D.
Assistant Professor of Surgery in charge of Experimental Surgery Hillsboro, N. C.
- BERNHEIM, FREDERICK, (1930) A.B., Ph. D. Woodridge Drive, Rockwood
Associate Professor of Physiology and Pharmacology
- BERNHEIM, MARY LILIAS CHRISTIAN, MRS., (1930) B.A., M.A., Ph.D.
Assistant Professor of Biochemistry Woodridge Drive, Rockwood
- BERRY, EDWARD WILLARD, (1936) A.B., Ph.D.
Associate Professor of Geology 1003 N. Gregson Street
- BERRY, THOMAS SENIOR, (1935) S.B., M.A., Ph.D.
Instructor in Economics 100 Vineyard Street
- BIGELOW, LUCIUS AURELIUS, (1929) S.B., Ph.D.
Professor of Chemistry 131 Pinecrest Road
- BILLIG, OTTO, (1941) M.D.
Instructor in Neuropsychiatry Duke Hospital
- BIRD, HAROLD CRUSIUS, (1926) Ph.B., C.E.
Professor of Civil Engineering 1209 Virginia Avenue
- *BLACK, MARTIN LEE, JR., (1930) A.B., M.B.A., C.P.A.
Associate Professor of Accounting 135 Pinecrest Road
- BLACKBURN, WILLIAM MAXWELL, (1926) A.B., B.A., M.A.
Associate Professor of English 715 Anderson Street
- BLANCO, IGNACIO MATTE, (1941) B.Hum., M.B., M.D.
Lecturer in Psychiatry Duke Hospital
- BLOMQUIST, HUGO LEANDER, (1920) B.S., Ph.D.
Professor of Botany 922 Demerius Street
- BOAS, RALPH PHILIP, JR. (1939) A.B., Ph.D.
Instructor in Mathematics 2708 Legion Avenue
- BOLICH, WILLIAM BRYAN, (1927) A.B., B.A. (Juris.) M.A., B.C.L.
Professor of Law Hope Valley
- BONNER, LYMAN GAYLORD, (1937) A.B., Ph.D.
Instructor in Physics 2708 Nation Avenue
- BOOKHOUT, CAZLYN GREEN, (1935) A.B., A.M., Ph.D.
Assistant Professor of Zoology 1307 Alabama Avenue
- BRADFORD, WILLIAM ZIEGLER, (1935) B.S., M.D.
*Assistant Professor of Obstetrics and Gynecology and
Director, Outside Obstetric Service* Charlotte, N. C.

* Absent on National Defense leave. 1941-1942.

- BRADSHER, CHARLES KILGO, (1939) A.B., M.A., Ph.D.
Instructor in Chemistry 2020 Wilson Street
- BRADWAY, JOHN SAEGER, (1931) A.B., A.M., LL.B.
Professor of Law 2621 Stuart Drive
- BRANSCOMB, BENNETT HARVIE, (1925) A.B., B.A., M.A., Ph.D., Litt.D.
Professor of New Testament Language and Literature
Chelsea Circle, Hope Valley
- BRICE, ASHBEL GREEN, (1939) A.B., A.M.
Instructor in English 814 Sixth Street
- BRIDGERS, FURMAN ANDERSON, (1926) A.B., A.M.
Assistant Professor of Romance Languages 1325 Arnette Avenue
- BROADHEAD, EDWARD HALL, (1933) A.B., A.M., M.M.
Instructor in Music 1015 Dacian Avenue
- BROWN, FRANCES, (1931) A.B., Ph.D.
Assistant Professor of Chemistry 205 Jones Street
- BROWN, FRANK CLYDE, (1909) A.B., A.M., Ph.D.
Professor of English 410 Buchanan Road
- BROWN, HAROLD WILLIAM, (1938) A.B., M.S., Sc.D., Dr.P.H., M.D.
Professor of Preventive Medicine and Public Health Chapel Hill, N. C.
- BROWNELL, WILLIAM ARTHUR, (1930) A.B., A.M., Ph.D.
Professor of Educational Psychology Hope Valley
- BRUINSMA, HENRY A., (1938) B.M., M.M.
Instructor in Music Devon Road, Hope Valley
- BRYSON, THADDEUS DILLARD, (1928) LL.D.
Professor of Law Hope Valley
- CALLAWAY, JASPER LAMAR, (1937) B.S., M.D.
*Assistant Professor of Medicine in charge of
Dermatology and Syphilology* 828 Anderson Street
- CANNON, JAMES, III, (1919) A.B., A.M., Th.B., Th.M., D.D.
Ivey Professor of History of Religion and Missions 619 Morehead Avenue
- CARLITZ, LEONARD, (1932) A.B., A.M., Ph.D.
Associate Professor of Mathematics 2303 Cranford Road
- CARPENTER, DAVID WILLIAMS, (1929) A.B., A.M., Ph.D.
Assistant Professor of Physics 137 Pinecrest Road
- CARR, JOHN WINDER, JR., (1926) A.B., A.M., Ph.D.
Professor of Education 926 Monmouth Avenue
- CARROLL, EBER MALCOLM, (1923) A.B., A.M., Ph.D.
Professor of History University Apartments
- CARROLL, ROBERT SPROUL, (1941) M.D.
Lecturer in Neuropsychiatry Asheville, N. C.
- CARROLL, R. CHARMAN, (1940) A.B., M.D.
Instructor in Psychiatry Duke Hospital
- CARTER, BAYARD, (1931) A.B., B.A., M.A., M.D.
Professor of Obstetrics and Gynecology Myrtle Drive, West Campus
- CARTER, RICHARD RUTLEDGE, (1938) B.A., M.D.
Instructor in Neurology Duke Hospital
- CAVERS, DAVID FARQUHAR, (1931) B.S., LL.B.
Professor of Law Sylvan Road

- CHAPMAN, ROBERT G., (1936) B.S. in M.E., M.M.E.
Assistant Professor of Mechanical Engineering 1007 Lakewood Avenue
- CHILDS, BENJAMIN GUY, (1924) B.A., M.A.
Professor of Education 1019 West Markham Avenue
- CLARK, ELON HENRY, (1934)
Instructor in Art and Photography as Applied to Medicine Legion Avenue
- CLARK, KENNETH WILLIS, (1931) A.B., B.D., Ph.D. 1308 Markham Avenue
Assistant Professor of New Testament Language and Literature
- CLAY, ALFRED THOMAS, (1941) B.S., A.M., Captain, U. S. Navy, Retired
Professor of Naval Science and Tactics 912 Shepherd Street
- CLYDE, PAUL HIBBERT, (1937) A.B., A.M., Ph.D.
Professor of History Faculty Apartments
- COILE, THEODORE STANLEY, (1935) B.S.F., M.F., Ph.D.
Associate Professor of Forest Soils 2716 University Drive
- COLE, ROBERT TAYLOR, (1935) A.B., A.M., Ph.D.
Associate Professor of Political Science 7 Sylvan Road
- CONANT, NORMAN FRANCIS, (1935) B.S., A.M., Ph.D.
Assistant Professor of Bacteriology and Mycology Tuscaloosa Forest
- CONSTANT, FRANK WOODBRIDGE, (1930) B.S., Ph.D.
Assistant Professor of Physics 2701 Legion Avenue
- COOLIDGE, THOMAS BUCKINGHAM, (1935) B.A., Ph.D., M.D.
Assistant Professor of Biochemistry University Apartments
- COWPER, FREDERICK AUGUSTUS GRANT, (1918) A.B., A.M., Ph.D.
Professor of Romance Languages 1017 Dacian Avenue
- CRAIG, ROBERT LAWRENCE, (1938) B.A., M.D.
Instructor in Neurology 919 Monmouth Avenue
- CRAVEN, ERLE BULLA, JR., (1937) A.B., M.D.
Associate in Medicine Winston-Salem, N. C.
- *CRISPELL, RAYMOND S., (1933) A.B., M.D.
Associate Professor of Neuropsychiatry Myrtle Drive, West Campus
- CRUM, MASON, (1930) A.B., Ph.D.
Assistant Professor of Biblical Literature 912 Anderson Street
- CULBRETH, SARAH ELIZABETH, (1938) A.B., A.M., Ph.D.
Instructor in Zoology 801 Third Street
- CUNNINGHAM, BERT, (1916) B.S., M.S., Ph.D.
Professor of Biology 1200 Markham Avenue
- CUSHING, JEAN GEORGE N., (1941) B.S., M.D.
Instructor in Neuropsychiatry Pine Bluff, N. C.
- CUSHING, MARY EYMAN MCKINNISS, (1941) B.S., M.D.
Instructor in Neuropsychiatry Pine Bluff, N. C.
- CUYLER, W. KENNETH, (1938) B.A., M.A., Ph.D.
Research Instructor in Endocrinology Randolph Road
- DANN, WILLIAM JOHN, (1934) B.S., Ph.D.
Associate Professor of Physiology and Nutrition 1016 Sycamore Street

* Absent on National Defense leave.

- DAVIS, GIFFORD, (1930) A.B., A.M., Ph.D.
Assistant Professor of Romance Languages 2015 Wa Wa Avenue
- DAVISON, WILBURT CORNELL, (1927) A.B., B.A., B.Sc., M.A., D.Sc., M.D.
Professor of Pediatrics and Dean of the School of Medicine Hope Valley
- DEES, JOHN ESSARY, (1939) B.S., M.D.
Associate in Urology 1012 Green Street
- DEES, SUSAN COONS, (1939) A.B., M.S., M.D.
Instructor in Pediatrics 1012 Green Street
- DELAPLANE, WALTER HAROLD, (1934) A.B., A.M., Ph.D.
Assistant Professor of Economics 214 Swift Avenue
- DE VYVER, FRANK TRAVER, (1935) A.B., A.M., Ph.D.
Associate Professor of Economics 8 Sylvan Road
- DICK, MACDONALD, (1932) B.A., M.A., M.D.
Associate in Medicine, Physiology, and Pharmacology Hope Valley Road
- DOW, MARIE, MME., (1934) L. ès L., M.A.
Instructor (Part-time) in French 1411 Arcadia Street
- DOW, NEAL, (1934) A.B., M.A., Ph.D.
Instructor in Romance Languages 1411 Arcadia Street
- DRESSEL, FRANCIS GEORGE, (1929) B.S., M.S., Ph.D.
Assistant Professor of Mathematics 309 Francis Street
- DUBS, HOMER HASENPFUG, (1937) A.B., A.M., B.D., Ph.D.
Acting Professor of Philosophy 2415 Club Boulevard
- DUKE, KENNETH LINDSAY, (1940) A.B., Ph.D.
Instructor in Anatomy 2112 Englewood Avenue
- EADIE, GEORGE SHARP, (1930) M.A., M.B., Ph.D.
Professor of Physiology and Pharmacology Hope Valley
- EAGLE, WATT WEEMS, (1930) A.B., M.D.
Associate Professor of Surgery in charge of Otolaryngology 804 Anderson Street
- EASLEY, ELEANOR BEAMER, (1934) B.A., M.A., M.D.
Instructor in Obstetrics and Gynecology Guess Road
- EASLEY, HOWARD, (1930) A.B., M.A., Ph.D.
Assistant Professor of Education Guess Road
- EDWARDS, CHARLES WILLIAM, (1898) A.B., A.M., M.S.
Professor of Physics 406 Buchanan Road
- EIDAM, MARY, (1941) B.M.
Instructor in Music 1010 W. Trinity Avenue
- *EITEMAN, WILFORD J., (1937) A.B., A.M., Ph.D.
Assistant Professor of Economics 126 Pinecrest Road
- ELLIOTT, WILLIAM WHITFIELD, (1925) B.A., M.A., Ph.D.
Professor of Mathematics 1404 Arnette Avenue
- ELLWOOD, CHARLES ABRAM, (1930) Ph.B., Ph.D., LL.D.
Professor of Sociology Pinecrest Road
- EPPELSON, JESSE HARRISON, (1930) B.S.
Instructor in Preventive Medicine and Public Health 1601 Hermitage Court
- ERICKSON, CYRUS CONRAD, (1937) B.S., B.M., M.D.
Associate in Pathology Woodridge Drive

* Absent on National Defense leave, second semester, 1941-1942.

- EVANS, FRANCIS GAYNOR, (1941) A.B., A.M., Ph.D.
Instructor in Zoology 13 Powe Apartments
- EVERETT, JOHN WENDELL, (1932) A.B., Ph.D.
Assistant Professor of Anatomy 2511 University Drive
- *FARMER, WILLIAM DEMPSEY, (1939) A.B., M.D.
Instructor in Otolaryngology and Ophthalmology University Apartments
- FERGUSON, ARTHUR BOWLES, (1939) A.B., Ph.D.
Instructor in History 1104 Watts Street
- FERGUSON, GEORGE BURTON, (1937) M.Sc. (Med.), M.D.
Associate in Bronchoscopy Beverly Apartments
- FINKELSTEIN, HAROLD, (1931) B.S., M.D.
Assistant Professor of Surgery Erwin Apartments
- FITZGERALD, WILLIAM STONE, (1935) A.B., A.M.
Instructor in English 3 Powe Apartments, 603 Watts Street
- FORBUS, WILEY DAVIS, (1930) A.B., M.D.
Professor of Pathology Hope Valley
- FOX, HERBERT JUNIUS, (1940) M.D.
Instructor in Medicine Indian Trail
- FUGATE, ROBERT CARSON, (1938) M.D.
Instructor in Otolaryngology and Ophthalmology Duke Hospital
- GARBER, PAUL NEFF, (1924) A.B., A.M., Ph.D.
Professor of Church History and Dean of the Divinity School Myrtle Drive, West Campus
- GARDNER, CLARENCE ELLSWORTH, JR., (1930) A.B., M.D.
Associate Professor of Surgery Hope Valley
- GARRARD, ROBERT L., (1941) A.B., M.S., B.S., M.D.
Instructor in Neuropsychiatry 1000 Hale Street
- GATES, ARTHUR MATHEWS, (1909) A.B., A.M., Ph.D.
Assistant Professor of Latin 1030 West Trinity Avenue
- GERGEN, JOHN JAY, (1936) A.B., M.A., Ph.D.
Professor of Mathematics 1005 Monmouth Avenue
- GIBSON, WILLIAM MARION, (1934) A.B., A.M., Ph.D.
Assistant Professor of Political Science 2014 Wilson Street
- GILBERT, ALLAN, (1920) B.A., A.M., Ph.D.
Professor of English 516 Carolina Circle
- GILBERT, KATHARINE EVERETT, (1930) A.B., A.M., Ph.D.
Professor of Philosophy 516 Carolina Circle
- GILLIN, JOHN, (1941) A.B., A.M., Ph.D.
Associate Professor of Anthropology 1503 Alabama Avenue
- GLASSON, WILLIAM HENRY, (1902) Ph.B., Ph.D., LL.D.
Professor of Political Economy and Social Science, Emeritus
710 Buchanan Road
- GOHDES, CLARENCE, (1930) A.B., A.M., Ph.D.
Professor of English 2614 Stuart Drive
- GOTAAS, HAROLD BENEDICT, (1938) B.S., M.S., S.M.
Instructor in Public Health Chapel Hill, N. C.
- GRAHAM, WILLIAM ALEXANDER, (1939) A.B., M.D.
Instructor in Obstetrics and Gynecology Beverly Apartments

* Resigned, June 30, 1941.

- GRAVES, ROBERT WILLIAMS, (1936) B.S., M.A., M.D.
Assistant Professor of Neurology Cornwallis Road
- GRAY, IRVING EMERY, (1930) B.S., M.S., Ph.D.
Associate Professor of Zoology 124 Pinecrest Road
- GREENE, WALTER KIRKLAND, (1928) A.B., A.M., Ph.D.
Professor of English and Dean of Undergraduate Instruction
Myrtle Drive, West Campus
- GREENHILL, MAURICE H., (1940) A.B., M.D.
Associate in Neuropsychiatry Cranford Road
- *GREENWOOD, JOSEPH, (1930) A.B., A.M., Ph.D.
Assistant Professor of Mathematics 1314 Norton Street
- GROSS, PAUL MAGNUS, (1919) B.S., A.M., Ph.D.
William Howell Pegram Professor of Chemistry Hope Valley
- GROUT, JULIA REBECCA, (1924) A.B., M.S.
Assistant Professor of Physical Education, Woman's College 207 Jones Street
- GROVES, ERNEST RUTHERFORD, (1938) A.B., B.D., Research Professor of Sociology at the University of North Carolina
Lecturer on Sociology, second half-year
- **HALL, FRANK GREGORY, (1926) A.B., A.M., Ph.D.
Professor of Zoology 122 Pinecrest Road
- HALL, LOUISE, (1931) B.A., S.B. in Architecture, Brevet d'Art de la Sorbonne
Assistant Professor of Fine Arts 210 Faculty Apartments
- HALL, SNOWDEN COWMAN, (1937) A.B., M.D.
Instructor in Medicine Danville, Va.
- HALL, WILLIAM HOLLAND, (1915) A.B., A.M., B.C.E., M.S.C.E.
Professor of Engineering and Dean of the College of Engineering
922 Urban Avenue
- HAMBLÉN, EDWIN CROWELL, (1931) B.S., M.D.
Associate Professor of Obstetrics and Gynecology 810 Forest Hills Blvd.
- HAMILTON, EARL JEFFERSON, (1927) B.S., A.M., Ph.D.
Professor of Economics 1015 Demerius Street
- HAMILTON, WILLIAM BASKERVILLE, JR., (1936) A.B., A.M., Ph.D.
Assistant Professor of History 2256 Cranford Road
- HANDLER, PHILIP, (1939) B.S., M.S., Ph.D.
Instructor in Physiology and Nutrition 924 Green Street
- HANES, FREDERIC MOIR, (1930) A.B., A.M., M.D.
Florence McAlister Professor of Medicine 2127 Myrtle Drive, West Campus
- HANSEN-PRÜSS, OSCAR CARL EDVARD, (1930) A.B., M.D.
Associate Professor of Medicine in charge of Clinical Microscopy
3 Surry Road, Hope Valley
- HARGITT, GEORGE THOMAS, (1930) Ph.B., A.M., Ph.D., Sc.D.
Professor of Zoology 811 Watts Street
- HARRAR, ELWOOD SCOTT, (1936) B.S., M.S., Ph.D.
Associate Professor of Wood Technology 2228 Cranford Road
- ***HARRELL, GEORGE THOMAS, JR., (1938) B.A., M.D.
Instructor in Medicine 708 Buchanan Blvd.

* Retirement effective June 30, 1942.

** Absent on National Defense leave, 1941-1942.

*** Resigned, June 30, 1941.

- HARRIS, JEROME SYLVAN, (1936) A.B., M.D.
Assistant Professor of Pediatrics and Biochemistry Erwin Apartments
- HART, DERYL, (1930) A.B., A.M., M.D.
Professor of Surgery Duke University Road and Highway 751
- HART, HORNE LL NORRIS, (1938) A.B., M.A., Ph.D.
Professor of Sociology Randolph Road
- HARWELL, GEORGE CORBIN, (1935) A.B., A.M., Ph.D.
Instructor in English 2020 Pershing Street
- HASBROUCK, FRANCIS MAHLON, (1935) A.B., Ph.D.
Assistant Professor of Romance Languages 1005 Homer Street
- HATLEY, CHARLES CLEVELAND, (1917) A.B., A.M., Ph.D.
Professor of Physics 708 Buchanan Road
- HAUSER, CHARLES ROY, (1929) B.S., M.S., Ph.D.
Associate Professor of Chemistry 1020 Rose Hill Avenue
- *HAVENS, RALPH MURRAY, (1938) A.B., M.B.A.
Instructor in Accounting 1106 Arnette Avenue
- **HEBB, MALCOLM HAYDEN, (1938) A.B., Ph.D.
Instructor in Physics 137 Pinecrest Road
- HEMPHILL, JAMES EUGENE, (1940) B.A., M.D.
Instructor in Radiology 2103 Pershing Street
- HENDERSON, ALFRED FAXON, (1938) A.B., M.D.
Instructor in Urology Vance Apartments
- HENDRIX, JAMES PAISLEY, (1938) B.S., M.A., M.D.
Associate in Medicine 144 Pinecrest Road
- HERRING, HERBERT JAMES, (1924) A.B., A.M. Myrtle Drive, West Campus
Assistant Professor in Speech and Dean of Men
- HESSER, FREDERICK HARRISON, (1941) A.B., M.D.
Instructor in Neurology University Apartments
- ETHERINGTON, DUNCAN CHARTERIS, (1930) A.B., M.A., Ph.D., M.D.
Associate Professor of Anatomy Hope Valley
- HICKMAN, FRANKLIN SIMPSON, (1927) A.B., S.T.B., A.M., Ph.D.
*Professor of Preaching and the Psychology of Religion and
 Dean of the Chapel* 823 Buchanan Rd.
- HICKSON, ARTHUR OWEN, (1929) A.B., A.M., Ph.D.
Assistant Professor of Mathematics 208 Legion Avenue, Tuscaloosa Forest
- HILL, DOUGLAS, (1931) A.B., M.A., Ph.D.
Assistant Professor of Chemistry Dixon Road
- HITCH, JOSEPH M., (1938) A.B., M.S., M.D.
Instructor in Dermatology and Syphilology Chapel Hill, N. C.
- HOBBS, MARCUS EDWIN, (1935) A.B., A.M., Ph.D.
Instructor in Chemistry 115 Pinecrest Road
- HOFFER, JERRY, (1941) B.S., M.S. in A.E.
Instructor in Aeronautics 602 Buchanan Road
- HOLLINSHEAD, WILLIAM HENRY, (1930) B.A., M.S., Ph.D.
Assistant Professor of Anatomy 1003 Urban Avenue

* Resigned, June 30, 1941.

** Absent on National Defense leave, second semester, 1941-1942.

- HOLTON, HOLLAND, (1912) A.B., J.D.
*Professor of the History and Science of Education and
 Director of the Summer Session* 809 Watts Street
- HON, RALPH C., (1941) A.B., A.M., Ph.D.
Visiting Professor of Economics 1012 West Trinity Avenue
- *HOOVER, CALVIN BRYCE, (1925) A.B., Ph.D., Litt.D.
*Professor of Economics and Dean of the Graduate School of
 Arts and Sciences* 1702 Duke University Road
- HORACK, HAROLD MACLACHLAN, (1940) M.D.
Instructor in Medicine 1021 Sprunt Street
- HORACK, HUGO CLAUDE, (1930) Ph.B., LL.B., LL.D.
Professor of Law and Dean of the School of Law
 2021 Myrtle Drive, West Campus
- HUBBELL, JAY BROADUS, (1927) A.B., A.M., Ph.D.
Professor of English Pinecrest Road
- IRVING, WILLIAM HENRY, (1936) B.A., B.A. (Oxon.), M.A., Ph.D.
Professor of English 2705 Legion Avenue
- JEFFERS, KATHERINE R., (1937) A.B., A.M., Ph.D.
Assistant Professor of Zoology 1507 West Pettigrew Street
- JENSEN, HOWARD EIKENBERRY, (1931) A.B., A.M., B.D., Ph.D.
Professor of Sociology 143 Pinecrest Road
- JOHNSON, MYCHYLE W., (1937) A.B., Ph.D.
Assistant Professor of Zoology 2108 Sprunt Street
- JOHNSTON, CHRISTOPHER, (1930) A.B., M.D.
Assistant Professor of Medicine 1417 W. Pettigrew Street
- **JONES, ROBERT RANDOLPH, JR., (1930) A.B., M.D.
Assistant Professor of Surgery Anderson Street
- JONES, THOMAS T., (1937) A.B., M.D.
Instructor in Medicine 1919 Club Boulevard
- JORDAN, ARCHIBALD CURRIE, (1925) A.B., A.M.
Assistant Professor of English Pinecrest Road, Corner U. S. Highway No. 751
- JORDAN, BRADY RIMBEY, (1927) Litt.B., Ph.D.
Professor of Romance Languages 117 Pinecrest Road
- KEECH, JAMES MAYNARD, (1931) A.B., A.M., Ph.D.
Instructor in Economics Nation Avenue
- KEMP, EDWARD H., (1940) A.B., Ph.D.
Assistant Professor of Psychology 1403 Oakland Avenue
- KEMP, MALCOLM D., (1937) M.D.
Instructor in Neuropsychiatry Pine Bluff, N. C.
- KEMPNER, WALTER, (1934) M.D.
Assistant Professor of Medicine Washington Duke Hotel
- KLEIN, JAMES RAYMOND, (1930) A.B., Ph.D.
Instructor in Biochemistry 807 Green Street
- KOHN, HENRY IRVING, (1937) A.B., Ph.D.
Assistant Professor of Physiology and Pharmacology 907 Second Street
- KORSTIAN, CLARENCE FERDINAND, (1930) B.S.F., M.F., M.A., Ph.D.
Professor of Silviculture and Dean of the School of Forestry
 1718 Duke University Road

* Absent on National Defense leave, first semester, 1941-1942.

** Died, November 18, 1941.

- KRAMER, PAUL JACKSON, (1931) A.B., M.Sc., Ph.D.
Associate Professor of Botany 2251 Cranford Road
- KRAYBILL, EDWARD K., (1939) B.S. in E.E.
Instructor in Electrical Engineering 113 Watts Street
- KRUMMEL, CHARLES ALBERT, (1922) Ph.B., Ph.M., Ph.D.
Professor of German 2118 Englewood Avenue
- LONDON, CHARLES EDWARD, (1926) A.B., A.M., Ph.D.
Assistant Professor of Economics 1001 West Trinity Avenue
- LANNING, JOHN TATE, (1927) A.B., A.M., Ph.D.
Associate Professor of History Hope Valley
- LAPRADE, WILLIAM THOMAS, (1909) A.B., Ph.D.
Professor of History 1108 Monmouth Avenue
- LATTY, ELVIN REMUS, (1937) B.S., J.D., J.Sc.D.
Professor of Law Hope Valley
- LAWSON, ROBERT BARRETT, (1940) A.B., M.D.
Associate in Pediatrics Chapel Hill, N. C.
- LEARY, LEWIS, (1941) B.S., A.M., Ph.D.
Assistant Professor of English West Trinity Avenue
- LEMERT, BEN FRANKLIN, (1930) B.Sc. in Bus. Admin., M.A., Ph.D.
Assistant Professor of Economic Geography 123 Pinecrest Road
- LEONARD, HENRY SIGGINS, (1937) A.B., A.M., Ph.D.
Associate Professor of Philosophy 107 Pinecrest Road
- *LESTER, RICHARD ALLEN, (1940) Ph.B., M.A., Ph.D.
Assistant Professor of Economics 626 Swift Avenue
- LEWIS, LEROY, (1935) A.B., A.M.
Instructor in Speech 1517 North Duke Street
- LEWIS, RALPH ELTON, (1941) B.S., M.S. in M.E.
Assistant Professor of Mechanical Engineering 1308 Markham Avenue
- **LINEBARGER, PAUL MYRON ANTHONY, (1937) A.B., M.A., Ph.D.
Assistant Professor of Political Science 1502 Bivins Street
- LÖWENBACH, HANS, (1940) M.D.
Assistant Professor of Neuropsychiatry and Physiology University Apartments
- LONDON, ARTHUR HILL, JR., (1932) B.S., M.D.
Instructor in Pediatrics 619 Morehead Avenue
- LONDON, FRITZ, (1938) Ph.D., Docteur ès Sciences of the University of Paris
Professor of Theoretical Chemistry 1508 Oakland Avenue
- LOVELL, DURWARD LEE, (1937) M.D.
Instructor in Surgery 1115 W. Chapel Hill Boulevard
- LOWNDES, CHARLES LUCIEN BAKER, (1934) A.B., LL.B., S.J.D.
Professor of Law 2016 Club Boulevard
- LUND, JOHN JORGENSEN, (1939) A.B., Ph.D., Certificate of Librarianship
Librarian 921 Monmouth Avenue
- LUNDEBERG, OLAV K., (1931) A.B., A.M., Ph.D.
Associate Professor of Romance Languages 127 Pinecrest Road
- LUNDHOLM, HELGE, (1930) Fil. Kand., Fil. Lic., Ph.D.
Professor of Psychology 803 Second Street

* Absent on National Defense leave, 1941-1942.

** Absent on National Defense leave, second semester, 1941-1942.

- LYMAN, RICHARD S., (1940) B.A., M.D.
Professor of Neuropsychiatry 812 Anderson Street
- McBRYDE, ANGUS, (1931) B.S., M.D.
Assistant Professor of Pediatrics 1522 Hermitage Court
- McCAIN, PAUL PRESSLY, (1933) A.B., M.D.
Assistant Professor of Medicine Southern Pines, N. C.
- McCLOY, SHELBY THOMAS, (1927) A.B., M.A., B.A., B.Litt., Ph.D.
Assistant Professor of History Vineyard Street, Tuscaloosa Forest
- McCREA, FORREST DRAPER, (1930) B.S., M.S., Ph.D.
Associate Professor of Physiology and Pharmacology 1023 Demerius Street
- McDERMOTT, MALCOLM, (1930) A.B., LL.B.
Professor of Law East Campus
- McDONALD, ALEXANDER DONALD, (1936) A.B., M.F.A.
Assistant Professor of Fine Arts University Apartments
- McLARTY, FURMAN GORDON, (1933) A.B., B.A., A.M., Ph.D.
Instructor in Philosophy Hillsboro, N. C.
- MAGGS, DOUGLAS BLOUNT, (1930) A.B., J.D., S.J.D.
Professor of Law Hope Valley
- MAKEPEACE, ALEXANDER WATTS, (1941) M.D.
Associate in Obstetrics and Gynecology Chapel Hill, N. C.
- MANCHESTER, ALAN KREBS, (1929) A.B., A.M., Ph.D.
Assistant Professor of History and Dean of Freshmen
Myrtle Drive, West Campus
- MANNING, ISAAC HALL, JR., (1939) A.B., M.D.
Instructor in Medicine University Apartments
- MARTIN, DONALD STOVER, (1932) A.B., M.D.
Associate Professor of Bacteriology and Associate in Medicine 2208 Pershing Street
- MARTIN, ELSIE WILSON, MRS., (1930) A.B., M.S.
Professor of Dietetics 206 Faculty Apartments, East Campus
- *MARTIN, JEAN McNUTT, (1941) B.S., M.D.
Assistant Physician of Student Health and Instructor in Pediatrics Faculty Apartments
- MAUGHAN, WILLIAM, (1931) B.S., M.F.
Associate Professor of Forest Management 5 Sylvan Road
- MAXWELL, WILLIAM CARY, (1930) A.B., A.M., Ph.D.
Assistant Professor of German 142 Pinecrest Road
- MEIER, OTTO, JR., (1934) B.S. in E.E., M.S., E.E.
Assistant Professor of Electrical Engineering 916 Monmouth Avenue
- MENEFEE, ELIJAH EUGENE, JR., (1940) B.S. in Med., M.D.
Instructor in Medicine and Bacteriology 2102 Sprunt Street
- MILAM, DANIEL FRANKLIN, (1939) A.B., M.P.H., M.D.
Associate in Preventive Medicine and Public Health Duke Hospital
- MITCHELL, FRANK KIRBY, (1926) A.B., A.M.
Associate Professor of English East Campus
- **MOORE, THOMAS H., (1940) B.S.
Instructor in Economics 1200 W. Markham Avenue

* Resigned, June 30, 1941.

** Absent on National Defense leave, 1941-1942.

MORGAN, GEORGE ALLEN, JR., (1936) Ph.B., A.M., Ph.D. <i>Associate Professor of Philosophy</i>	713 Anderson Street
*MOUZON, JAMES CARLISLE, (1932) B.A., Ph.D. <i>Assistant Professor of Physics</i>	132 Pinecrest Road
MYERS, HIRAM EARL, (1926) A.B., S.T.B., S.T.M. <i>Professor of Biblical Literature</i>	141 Pinecrest Road
NELSON, ERNEST WILLIAM, (1926) A.B., A.M., Ph.D. <i>Associate Professor of History</i>	120 Briarcliff Road
NEURATH, HANS, (1938) Ph.D. <i>Assistant Professor of Biochemistry</i>	Manchester Apartments
NICHOLSON, WILLIAM McNEAL, (1935) A.B., M.D. <i>Associate in Medicine</i>	812 Anderson Street
*NIELSEN, WALTER MCKINLEY, (1925) B.S. in E.E., Ph.D. <i>Professor of Physics</i>	139 Pinecrest Road
NOOJIN, RAY O., (1940) A.B., M.D. <i>Instructor in Dermatology and Syphilology</i>	2204 Woodrow Street
NORDHEIM, LOTHAR WOLFGANG, (1937) Ph.D. <i>Professor of Physics</i>	2255 Cranford Road
NORFLEET, GRIZZELLE M., (1938) A.B., B.S., M.A. <i>Supervisor of the Spastic Clinic</i>	Faculty Apartments
*NORTON, J. W. ROY, (1938) A.B., M.P.H., M.D. <i>Lecturer in Preventive Medicine and Public Health</i>	Chapel Hill, N. C.
OOSTING, HENRY JOHN, (1932) A.B., M.S., Ph.D. <i>Assistant Professor of Botany</i>	2528 University Drive, Rockwood
ORGAIN, EDWARD STEWART, (1934) M.D. <i>Associate in Medicine</i>	Beverly Apartments
ORMOND, JESSE MARVIN, (1923) A.B., B.D., D.D. <i>Professor of Practical Theology</i>	110 Pinecrest Road
OUTLER, ALBERT C., (1938) A.B., A.M., B.D., Ph.D. <i>Assistant Professor of Historical Theology</i>	2122 Englewood Avenue
PARKER, HAROLD TALBOT, (1939) A.B., Ph.D. <i>Instructor in History</i>	University Apartments
PATTERSON, KARL BACHMAN, (1920) A.B., A.M. <i>Assistant Professor of Mathematics</i>	1024 Monmouth Avenue
PATTON, LEWIS, (1926) A.B., Ph.D. <i>Associate Professor of English</i>	1511 W. Pettigrew Street
PEARSE, ARTHUR SPERRY, (1926) B.S., A.M., Ph.D., LL.D. <i>Professor of Zoology</i>	Chelsea Circle, Hope Valley
*PEARSE, RICHARD LEHMER, (1935) A.B., M.D. <i>Instructor in Obstetrics and Gynecology</i>	1003 Lamond Avenue
**PEPPLER, CHARLES WILLIAM, (1912) A.B., Ph.D. <i>Professor of Greek</i>	406 Buchanan Road
PEELE, TALMAGE LEE, (1939) A.B., M.D. <i>Associate in Anatomy</i>	University Apartments
PERLZWEIG, WILLIAM ALEXANDER, (1930) B.S., A.M., Ph.D. <i>Professor of Biochemistry</i>	Hope Valley

* Absent on National Defense leave.

** Absent on sabbatical leave, first semester, 1941-1942.

- PERRY, HAROLD SANFORD, (1932) A.B., Ph.D.
Assistant Professor of Botany 1222 Sixth Street
- PERSONS, ELBERT LAPSLEY, (1930) A.B., M.D.
Associate in Medicine 723 Anderson Street
- PETRY, RAY C., (1937) A.B., A.M., Ph.D.
Assistant Professor of Church History 128 Pinecrest Road
- PIERSON, ALVAN REEVES, (1942) B.S., Lieutenant Commander, U. S. N. R.
Associate Professor of Naval Science and Tactics 908 Markham Avenue
- PINKERTON, MARGARET ISABEL, (1939) R.N., B.S.
Professor of Nursing and Dean of the School of Nursing Nurses Home
- POSTON, MARY ALVERTA, (1930) A.M.
Instructor in Bacteriology 512 Watts Street
- *POTEAT, JAMES DOUGLASS, (1936) A.B., LL.B., J.S.D.
Professor of Law 1106 Watts Street
- POTEAT, MARY, (1935) A.B., A.M., Ph.D.
Instructor in English 103 Faculty Apartments
- PRATT, JOSEPH GAITHER, (1937) A.B., A.M., Ph.D.
Instructor in Psychology 2608 Nation Avenue
- PROCTOR, ARTHUR MARCUS, (1923) A.B., A.M., Ph.D.
Professor of Education Myrtle Drive, West Campus
- QUYNN, DOROTHY MACKAY, MRS., (1930) A.B., A.M., Docteur de l'Université
de Paris
Assistant Professor of History Woodridge Drive, Rockwood
- QUYNN, WILLIAM ROGERS, (1930) B.A., M.A., Ph.D.
Assistant Professor of Romance Languages Woodridge Drive, Rockwood
- RANEY, RICHARD BEVERLY, (1934) A.B., M.D.
Associate in Orthopaedics 1110 Shepherd Street
- RANKIN, ROBERT STANLEY, (1927) A.B., A.M., Ph.D.
Professor of Political Science 1107 Knox Street
- RANKIN, WATSON SMITH, (1930) M.D.
Lecturer in Preventive Medicine and Public Health Charlotte, N. C.
- RANKIN, WILLIAM WALTER, JR., (1926) B.E., M.A.
Professor of Mathematics 1011 Gloria Avenue
- RATCHFORD, BENJAMIN ULYSSES, (1928) B.S., A.M., Ph.D.
Associate Professor of Economics 133 Pinecrest Road
- RAYMOND, MARY LOIS, (1931) A.B., M.A.
Assistant Professor of Romance Languages 1003 Lamond Avenue
- REAMER, I. THOMAS, (1931) Ph.G.
Instructor in Pharmacy University Apartments
- REED, FREDERICK JEROME, (1935) M.E., M.S.
Assistant Professor of Mechanical Engineering 2203 Englewood Avenue
- REEVES, ROBERT JAMES, (1930) A.B., M.D.
Associate Professor of Radiology 1010 Monmouth Avenue
- REID, JOHN TURNER, (1939) A.B., A.M., Ph.D.
Assistant Professor of Romance Languages 2613 University Drive
- REQUE, PAUL GERHARD, (1940) M.D.
Instructor in Medicine, Dermatology and Syphilology 2023 Sprunt Street
- RHINE, JOSEPH BANKS, (1927) B.S., M.S., Ph.D.
Professor of Psychology 908 W. Club Boulevard

* Absent on National Defense leave.

- RICHARDSON, WILLIAM P., (1938) B.S., M.P.H., M.D.
Instructor in Preventive Medicine and Public Health Chapel Hill, N. C.
- ROBERT, JOSEPH CLARKE, (1938) A.B., A.M., Ph.D.
Assistant Professor of History 1102 B Street
- ROBERTS, JOHN H., (1931) A.B., Ph.D.
Associate Professor of Mathematics Legion Avenue, Tuscaloosa Forest
- ROBERTS, LOUIS CARROLL, (1933) B.S., M.D.
Instructor in Urology 2028 Sunset Avenue
- ROGERS, ROBERT S., (1937) A.B., A.M., Ph.D., F.A.A.R.
Professor of Latin 148 Pinecrest Road
- ROPP, THEODORE, (1938) A.B., A.M., Ph.D.
Instructor in History 206 Woodridge Drive
- ROSBOROUGH, RUSKIN RAYMOND, (1925) A.B., A.M., Ph.D., Docteur en
philologie classique, Louvain, F.A.A.R.
Professor of Latin 410 Watts Street
- ROSE, JESSE LEE, (1936) A.B., M.A., Ph.D.
Instructor in Latin 804 Fourth Street
- ROSENAU, MILTON JOSEPH, (1938) M.D.
Lecturer in Preventive Medicine and Public Health Chapel Hill, N. C.
- ROSS, NORMAN F., (1937) D.D.S.
Instructor in Dentistry Chelsea Circle, Hope Valley
- ROSS, ROBERT ALEXANDER, (1930) B.S., M.D.
Associate Professor of Obstetrics and Gynecology 818 Anderson Street
- ROWE, GILBERT THEODORE, (1928) A.B., S.T.D., D.D., Litt.D.
Professor of Christian Doctrine 150 Pinecrest Road
- RUCKER, MARVIN PIERCE, (1941) A.M., M.D.
Lecturer in Obstetrics and Gynecology Richmond, Va.
- RUDE, JOE C., (1941) A.B., B.S., M.D.
Associate in Radiology Bon Air Avenue
- RUFFIN, JULIAN MEADE, (1930) A.B., M.A., M.D.
Associate Professor of Medicine 816 Anderson Street
- RUSSELL, ELBERT, (1926) A.B., A.M., Ph.D., Litt.D.
*Professor of Biblical Interpretation and Dean
Emeritus of the Divinity School* 804 Fourth Street
- SACHS, JAMES WILBUR, (1940) B.S., M.D.
Instructor in Otolaryngology and Ophthalmology Duke Hospital
- SANDERS, C. RICHARD, (1937) B.Ph., M.A., Ph.D.
Assistant Professor of English 1004 Urban Avenue
- SANDERS, PAUL HAMPTON, (1936) A.B., LL.B.
Associate Professor of Law 2711 Stuart Drive
- SAYLOR, JOHN HENRY, (1928) A.B., A.M., Ph.D.
Assistant Professor of Chemistry 707 Club Boulevard
- SCATES, DOUGLAS EDGAR, (1939) A.B., Ph.D.
Associate Professor of Education 2247 Cranford Road
- SCHIEBEL, HERMAN MAX, (1939) A.B., M.D.
Instructor in Surgery University Apartments
- SCHULZE, WILLIAM, (1940) B.S., M.D.
Instructor in Medicine 1001 Lamond Avenue

- SCHUMACHER, FRANCIS X., (1937) B.S.
Professor of Forestry 6 Sylvan Road
- SEAGROVES, EVERETT EDGAR, (1941) B.S., Lieutenant, U. S. Navy
Assistant Professor of Naval Science and Tactics 1015 Gloria Avenue
- SEALY, WILL CAMP, (1936) B.S., M.D.
Instructor in Surgery Vance Apartments
- SEELEY, WALTER JAMES, (1925) E.E., M.S.
Professor of Electrical Engineering 1005 Urban Avenue
- *SHANDS, ALFRED RIVES, JR., (1930) B.A., M.D.
Associate Professor of Surgery in charge of Orthopaedics Wilmington, Del.
- SHARP, D. GORDON, (1939) B.S., M.A., Ph.D.
Research Associate in Experimental Surgery Francis Street
- SHEARS, LAMBERT ARMOUR, (1927) A.B., A.M., Ph.D.
Instructor in German 917 Green Street
- **SHEPHERD, HAROLD, (1939) A.B., J.D.
Professor of Law Cole Mill Road
- SHIELDS, JOHN HERMAN, (1926) A.B., A.M.
Assistant Professor of Accounting 1315 Vickers Avenue
- ***SHIPMAN, GEORGE A., (1938) A.B., Ph.D.
Associate Professor of Political Science 139 Pinecrest Road
- SIMPSON, WILLIAM HAYS, (1930) A.B., A.M., Ph.D.
Instructor in Political Science 1408 Dollar Avenue
- SMITH, DAVID TILLERSON, (1930) A.B., M.D.
Professor of Bacteriology and Associate Professor of Medicine Hope Valley
- SMITH, HILRIE SHELTON, (1931) A.B., Ph.D., D.D., Litt.D.
Professor of Christian Ethics and Religious Education 1523 Hermitage Court
- SMITH, O. NORRIS, (1937) B.A., M.D.
Instructor in Medicine Greensboro, N. C.
- SMITH, ROBERT SIDNEY, (1932) A.B., A.M., Ph.D.
Assistant Professor of Economics 2236 Cranford Road
- SMITH, RUTH SLACK, MRS., (1927) A.B., A.M.
Instructor in Education and Associate Dean of Undergraduate Instruction, Woman's College 115 Faculty Apartments, East Campus
- SMITH, SUSAN GOWER, MRS., (1930) A.B., M.A.
Associate in Medicine Hope Valley
- SNIVELY, MARY HELEN, (1930) R.N., Anes.
Instructor in Anesthesia Horton Road
- SPENCE, BESSIE WHITTED, MRS., (1929) A.B., A.M., B.D.
Instructor in Biblical Literature Hope Valley
- SPENCE, HERSEY EVERETT, (1918) A.B., A.M., B.D., D.D., Litt.D.
Professor of Biblical Literature and Religious Education Hope Valley
- SPENGLER, JOSEPH JOHN, (1934) A.B., M.A., Ph.D.
Professor of Economics 2240 Cranford Road
- SPONER, HERTHA, (1935) Ph.D.
Professor of Physics Hope Valley
- SPRINGER, JOHN YOUNG, (1936) A.B., M.B.A.
Assistant Professor of Economics University Apartments

* Absent on leave, 1937—.

** Absent on National Defense leave.

*** Absent on National Defense leave, second semester, 1941-1942.

SPRUNT, DOUGLAS HAMILTON, (1932) B.S., M.S., M.D. <i>Associate Professor of Pathology</i>	Hope Valley
STEVENS, JOSEPH BLACKBURN, (1940) B.S., M.D. <i>Instructor in Medicine</i>	Duke Hospital
STILL, BAYRD, (1938) A.B., A.M., Ph.D. <i>Assistant Professor of History</i>	Erwin Apartments
STINESPRING, WILLIAM FRANKLIN, (1936) B.A., M.A., Ph.D. <i>Associate Professor of Old Testament</i>	1107 Watts Street
SUGDEN, HERBERT WILFRED, (1929) A.B., A.M., Ph.D. <i>Assistant Professor of English</i>	University Apartments
SUITT, ROBERT BURKE, (1940) M.D. <i>Associate in Neuropsychiatry</i>	University Apartments
SULLIVAN, DANIEL JOSEPH, (1940) M.D. <i>Instructor in Neuropsychiatry</i>	Duke Hospital
SUNDERLAND, ELIZABETH READ, (1939) A.B., A.M., Ph.D. <i>Instructor in Fine Arts</i>	University Apartments
SWETT, FRANCIS HUNTINGTON, (1930) A.B., M.A., Ph.D. <i>Professor of Anatomy</i>	Hope Valley
SYDNOR, CHARLES SACKETT, (1936) A.B., Ph.D. <i>Professor of History</i>	116 Pinecrest Road
TAYLOR, ALTON ROBERT, (1939) B.S., Ph.D. <i>Research Associate in Surgery</i>	2023 Club Boulevard
TAYLOR, HAYWOOD MAURICE, (1930) B.S., M.S., Ph.D. <i>Associate Professor of Biochemistry and Toxicology</i>	University Drive, Rockwood
THEISS, ERNEST S., (1939) B.S. in M.E., M.S. <i>Instructor in Mechanical Engineering</i>	910 Fifth Street
THOMAS, JOSEPH MILLER, (1930) A.B., Ph.D. <i>Professor of Mathematics</i>	2215 Cranford Road
THOMAS, WALTER LEE, JR., (1937) A.B., M.A., M.D. <i>Assistant Professor of Obstetrics and Gynecology</i>	415 Carolina Circle
THOMPSON, EDGAR T., (1935) A.B., A.M., Ph.D. <i>Associate Professor of Sociology</i>	138 Pinecrest Road
THOMSON, ROY BERTRAND, (1938) B.S., M.F., Ph.D. <i>Associate Professor of Forest Economics</i>	2243 Cranford Road
THORNHILL, EDWIN HALE, (1939) M.D. <i>Instructor in Otolaryngology and Ophthalmology</i>	Duke Hospital
TRUESDALE, JAMES N., (1930) A.B., A.M., Ph.D. <i>Instructor in Greek</i>	Duke University
UPCHURCH, SAMUEL EARLE, (1933) B.A., M.D. <i>Instructor in Surgery</i>	Duke Hospital
VAIL, CHARLES ROWE, (1939) B.S. in E.E. <i>Instructor in Electrical Engineering</i>	1007 W. Trinity Avenue
VANCE, MARY HENDREN, MRS., (1926) A.B., A.M. <i>Assistant Professor of English</i>	208 Watts Street
VAN DUSEN, ALBERT EDWARD, (1941) B.A., M.A. <i>Instructor in History</i>	Duke University

- VAN VOORHIS, ROBERT HENRY, (1941) A.B., A.M.
Instructor of Economics 907 Second Street
- VOLLMER, CLEMENT, (1926) A.B., A.M., Ph.D.
Professor of German 2114 Myrtle Drive, West Campus
- VON BECKERATH, HERBERT, (1935) Ph.D.
Professor of Economics and Political Science Hope Valley
- VOSBURGH, WARREN CHASE, (1928) B.S., M.S., Ph.D.
Professor of Chemistry 2319 Englewood Avenue
- WACKERMAN, ALBERT EDWARD, (1938) B.S., M.F.
Professor of Forest Utilization Dover Road, Hope Valley
- WADE, WALLACE, (1931) A.B.
Director of Physical Education, Trinity College Myrtle Drive, West Campus
- WALTON, LORING BAKER, (1929) A.B., Lic. ès L.
Associate Professor of Romance Languages 2235 Cranford Road
- WANNAMAKER, WILLIAM HANE, (1904) A.B., A.M., Litt.D.
Professor of German and Dean of the University and of Trinity College Myrtle Drive, West Campus
- WARD, CHARLES EUGENE, (1927) A.B., A.M., Ph.D.
Associate Professor of English 707 Club Boulevard
- WATSON, JOHN D., (1939) A.B., B.S. in C.E., M.S., Sc.D.
Assistant Professor of Civil Engineering 2519 Club Boulevard
- WATSON, KARL BRANTLEY, (1936) B.S., A.B., A.M., Ph.D.
Instructor in Education 1102 Virginia Avenue
- *WATSON, RICHARD L., JR., (1939) A.B., Ph.D.
Instructor in History 1104 Watts Street
- WAY, VERNON ELGIN, (1930) A.B., A.M., M.A.
Assistant Professor of Greek 909 Gregson Street
- WEBB, ALBERT MICAJAH, (1903) A.B., A.M.
Professor of Romance Languages 1017 Trinity Avenue
- **WELFLING, WELDON, (1936) A.B., A.M., Ph.D.
Assistant Professor of Economics Pickett Road
- WEST, ALFRED THURBER, (1930) B.S., A.M.
Assistant Professor of English 1112 Georgia Avenue
- **WHARTON, GEORGE WILLARD, JR., (1939) B.S., Ph.D.
Instructor in Zoology 2112 Englewood Avenue
- WHITE, MARIE ANNE, MRS., (1930) A.B., A.M.
Assistant Professor of English Chelsea Circle, Hope Valley
- WHITE, NEWMAN IVEY, (1919) A.B., A.M., Ph.D.
Professor of English Chelsea Circle, Hope Valley
- WIDGERY, ALBAN GREGORY, (1930) B.A., M.A.
Professor of Philosophy St. Catherine, Pinecrest Road
- WILBUR, RALPH SYDNEY, (1933) B.S. in M.E., M.E.
Professor of Mechanical Engineering 1018 Demarius Street
- WILLIAMS, JAMES WESLEY, (1937) A.B., B.S. in C.E.
Instructor in Civil Engineering 206 Swift Avenue

* Absent on National Defense leave, 1941-1942.

** Absent on National Defense leave, second semester, 1941-1942.

- WILSON, FREDERICK ELIPHAZ, (1923) A.B., A.M.
Assistant Professor of German 1020 Demarius Street
- WILSON, JOHN WOODROW, (1940) B.S., Ph.D.
Instructor in Zoology 1004 Monmouth Avenue
- WILSON, ROBERT NORTH, (1910) A.B., M.S.
Professor of Chemistry 822 Third Street
- WILSON, ROBERT RENBERT, (1925) A.B., A.M., Ph.D., LL.D.
Professor of Political Science 717 Anderson Street
- WOLF, FREDERICK ADOLPHUS, (1927) A.B., A.M., Ph.D.
Professor of Botany 924 Urban Avenue
- WOODHALL, BARNES, (1937) A.B., M.D.
Assistant Professor of Surgery in charge of Neuro-surgery Cole Mill Road
- WOODY, ROBERT HILLIARD, (1929) Ph.B., A.M., Ph.D.
Assistant Professor of History 2648 University Drive
- YOUNG, EDWARD HUDSON, (1923) A.B., A.M.
Assistant Professor of Romance Languages 13 Beverly Apartments
- YOUNGSTROM, KARL ARDEN, (1937) A.B., M.A., Ph.D.
Instructor in Anatomy Fir Street
- ZENER, KARL EDWARD, (1928) Ph.B., A.M., Ph.D.
Associate Professor of Psychology Sparger Road
-
- AYRES, ERLE BINGHAM, (1941) S.B., A.M.
Instructor (Part-time) in Chemistry 2109 Chapel Hill Road
- BATCHELDER, MARION FRANCIS, (1930) R.N.
Instructor in Nursing Administration and Supervision Duke Hospital
- BOAS, MARY LAYNE, (1940) B.S., M.S.
Instructor (Part-time) in Mathematics 2708 Legion Avenue
- BRACH, EARL TILTON, (1941) A.B., A.M.
Instructor (Part-time) in Greek Duke University
- CARPENTER, JAMES M., (1938) Ph.D.
Instructor (Part-time) in English 406 Buchanan Road
- CARPER, DORIS VIOLA, (1941) A.B., A.M., Ph.D.
Instructor (Part-time) in Education 116 Buchanan Boulevard
- CARTER, MARY MARJORIE, (1941) A.B.
Instructor (Part-time) in Romance Languages 801 Third Street
- *CHAFFIN, NORA CAMPBELL, (1936) A.B., A.M.
Instructor (Part-time) in History Faculty Apartments
- CHRISTOPHER, JOHN BARRETT, (1941) B.A., M.A.
Instructor (Part-time) in History 2235 Cranford Road
- DIAMOND, STANLEY STUART, (1941) A.B., A.M.
Instructor (Part-time) in Political Science Duke University
- DOWLING, ARTHUR JOSEPH, JR., (1939) A.B.
Instructor (Part-time) in English Duke University
- HENRICKSEN, GERHARD CHESTER, (1941) A.B., A.M., C.P.A.
Instructor (Part-time) in Economics 216 Forest Wood Drive, Forest Hills
- HOSACK, ROBERT EWING, (1941) A.B., A.M.
Instructor (Part-time) in Political Science 1001 Virgie Street

* Absent on leave, second semester, 1941-1942.

LEMKIN, RAPHAEL, (1941) Dr. jur., Magister juris. <i>Lecturer on Comparative Law</i>	Duke University
LEVER, OSCAR WILLIAM, (1940) A.B., A.M., Ph.D. <i>Instructor (Part-time) in Biblical Literature</i>	Duke University
MARTIN, WILLARD EDGAR, JR., (1937) A.B., A.M. <i>Instructor (Part-time) in English</i>	812 Wilkerson Avenue
MORWITZ, ERNEST M., (1939) D. Jur. <i>Teaching Fellow in Hellenistic Religions</i>	2110 Wilson Street
PLANTIGA, CORNELIUS A., (1941) A.B., A.M., Ph.D. <i>Instructor (Part-time) in Education</i>	Duke University
PRATT, LANIER WARD, (1940) A.B., A.M. <i>Instructor (Part-time) in Romance Languages</i>	Johnston Headquarters, Hillsboro, N. C.
ROBINSON, ALICE BRADFORD, (1939) A.B., M.A. <i>Instructor (Part-time) in Fine Arts</i>	1206 Markham Avenue
SILK, LEONARD SOLOMON, (1941) <i>Instructor (Part-time) in Economics</i>	Duke University
SMITH, WILLIAM JORDAN JOSEPH, (1941) B.A. <i>Instructor (Part-time) in Economics</i>	Duke University
WEITH, A. JAMES, (1941) A.B., A.M. <i>Instructor (Part-time) in Chemistry</i>	Duke University

INDUSTRIAL RESEARCH ASSOCIATES

DARKIS, FREDERICK RANDOLPH B.S., M.S., Ph.D., University of Maryland	Chemistry	1211 Alabama Avenue
MCLEAN, RUTH A.B., Woman's College of the University of North Carolina; A.M., Duke University	Chemistry	2 Powe Apartments

INSTRUCTIONAL ASSISTANTS

ALTER, ROBERT LEONHARDT, (1939) M.D. <i>Assistant in Obstetrics, Gynecology and Pathology</i>	Duke Hospital
ANDERSON, RAYMOND BURK, (1941) A.B., M.D. <i>Assistant in Pediatrics</i>	2930 Chapel Hill Road
BEARD, DOROTHY WATERS, (1938) R.N. <i>Research Assistant in Experimental Surgery</i>	Hillsboro, N. C.
BENBOW, EDWARD PERRY, JR., (1941) A.B., M.D. <i>Assistant in Medicine</i>	Duke Hospital
BENNETT, RUTH BRUCE, (1940) A.B., M.M.S. <i>Assistant in Psychiatric Social Service</i>	University Apartments
BERRY, COURTLAND DIXON, (1940) B.A., M.D. <i>Assistant in Obstetrics and Gynecology</i>	University Apartments
BEYER, EMIL CHARLES, (1941) M.D. <i>Assistant in Medicine</i>	Duke Hospital
BIDDLE, ROBERT MARTIN, (1940), A.B., M.D. <i>Assistant on Private Medical Service</i>	Glenn Apartments
BRADSHAW, ARTHUR BROWN, (1941) A.B., M.D., C.M. <i>Assistant in Pathology</i>	Duke Hospital
BRANNING, WILLIAM STERRY, (1940) B.S., M.D. <i>Assistant in Biochemistry</i>	Duke Hospital
BROWN, HALLA, (1941) A.B., M.D. <i>Assistant in Pathology</i>	Duke Hospital

BROWN, IVAN WILLARD, JR., (1940) B.S., M.D. <i>Assistant in Pathology</i>	University Apartments
BRYSON, EDWIN CONSTANT, (1931) <i>Assistant in Legal Aid Clinic</i>	1023 Sycamore Street
CAYER, DAVID, (1939) B.A., M.D. <i>Assistant in Medicine, Physiology and Pharmacology</i>	Duke Hospital
CHRISTENSON, JAMES ANDREAS, (1940) A.B., Ph.D. <i>Psychologist</i>	Legion at Vineyard Street
*CONGLETON, VIRGINIA LEE, (1941) A.B., M.D. <i>Assistant Physician of Student Health and Assistant in Pediatrics</i>	Duke Hospital
COOPER, GERALD RICE, (1939) A.B., M.A., Ph.D. <i>Research Assistant in Biochemistry</i>	2105 Chapel Hill Road
CRAIG, JANE STANLEY, (1938) A.B. <i>Research Assistant in Anatomy</i>	308 Oakwood Avenue
CREADICK, ROBERT NOWELL, (1939) B.A., M.D. <i>Assistant in Obstetrics and Gynecology</i>	Hope Valley Road
CREDLE, WILLIAM SWINDELL, (1940) M.D. <i>Assistant in Surgery</i>	Duke Hospital
DUCHARME, PAUL HENRI, (1941) B.S., M.D. <i>Assistant in Radiology</i>	Duke Hospital
EDWARDS, LINUS MATTHEW, JR., (1940) D.D.S. <i>Assistant in Dentistry</i>	604 Watts Street
ERICKSON, JOHN OTTO, (1939) B.S. <i>Research Assistant in Biochemistry</i>	Duke Hospital
FULMER, WILLIAM HENRY, (1940) A.B., M.D. <i>Assistant in Medicine</i>	Duke Hospital
GILBERT, GEORGE GAYLAND, (1939) B.S., M.D. <i>Assistant in Urology</i>	University Apartments
GODDARD, DAVID WATSON, (1941) A.B., M.D. <i>Assistant in Medicine</i>	University Apartments
GOODMAN, ERASTUS GENAIR, JR., (1940) M.D. <i>Assistant in Medicine</i>	Duke Hospital
GRAY, CYRUS LEIGHTON, (1941) A.B., M.D. <i>Assistant in Radiology</i>	Bickett Apartments
**HASTINGS, WALTER DARLINGTON, JR., (1941) M.D. <i>Assistant in Pathology</i>	Duke Hospital
HIATT, JOSEPH SPURGEON, JR., (1940) A.B., M.D. <i>Assistant in Medicine</i>	Glenn Apartments
HOLLISTER, WILLIAM FREDWIN, (1938) M.D. <i>Assistant in Surgery</i>	Duke Hospital
HORNER, VIOLET OLIVE, (1941) B.A., M.D. <i>Assistant in Endocrine Division, Obstetrics and Gynecology</i>	Duke Hospital
HUFF, JESSE W., (1940) B.S. <i>Assistant in Biochemistry</i>	Duke Hospital
HUTCHINSON, ROBERT HERRICK, (1941) B.S., M.D. <i>Assistant in Orthopaedics</i>	Duke Hospital

* Resigned, October 31, 1941.

** On leave of absence; on active duty with U. S. Navy.

JOHNSON, LAWRENCE CLIFFORD, (1940) B.A. <i>Fellow in Sociology</i>	Duke Hospital
KAMIN, HENRY, (1940) B.S. <i>Research Assistant in Biochemistry</i>	Duke Hospital
KERBY, GRACE P., (1940) B.S. <i>Research Assistant in Pathology</i>	Beverly Apartments
KERNODLE, HAROLD BARKER, (1939) M.D. <i>Assistant in Surgery</i>	Duke Hospital
KNIGHT, ALTON J., (1938) A.B., LL.B. <i>Assistant in Legal Aid Clinic</i>	1404 North Duke Street
KNOX, ISAAC CECIL, JR., (1941) B.A., M.D. <i>Assistant in Pathology</i>	Duke Hospital
KUHN, HAROLD HUNTER, (1940) A.B., B.S., M.D. <i>Assistant in Surgery</i>	Duke Hospital
LAMBETH, SAMUEL SUMMERFIELD, (1939) B.S., M.D. <i>Assistant in Medicine</i>	Duke Hospital
LAUFER, JOSEPH, (1942) LL.B., LL.M. <i>Teaching Fellow in Law</i>	1411 B Street
LINCICOME, ROBERT CARL, (1939) M.D. <i>Assistant on Private Medical Service</i>	Duke Hospital
LITTLER, JAMES WILLIAM, (1940) <i>Assistant in Anatomy</i>	Duke Hospital
MCCULLOCH, RUDOLPH POWERS, (1941) A.B., M.D. <i>Assistant in Student Health</i>	Duke Hospital
MADDEN, JOHN HENRY MILLER, (1941) A.B., M.D. <i>Clinical Fellow in Endocrinology</i>	Duke Hospital
MARGOLIS, GEORGE, (1940) A.B., M.D. <i>Assistant in Pathology</i>	Duke Hospital
MARGOLIS, LESTER HENRY, (1940) A.B., M.D. <i>Assistant in Medicine</i>	Duke Hospital
MARINO, MIGUEL, (1941) A.B., M.D. <i>Rockefeller Foundation Fellow in Pathology</i>	Duke Hospital
MASON, MARY LOCHER, MRS., (1931) Diploma in Fine Arts, Teachers College, Columbia University <i>Assistant in Education</i>	Route No. 2, Durham, N. C.
MILLER, CHARLES HENDERSON, (1934) A.B., LL.B. <i>Assistant in Legal Aid Clinic</i>	2108 Club Boulevard
MOSS, JOHN EDWARD, (1941) A.B., M.D. <i>Assistant in Medical Dispensary</i>	Duke Hospital
MUNROE, COLIN ALEXANDER, (1939) B.S., M.D. <i>Assistant in Medicine</i>	Duke Hospital
NAHIGIAN, RUSSELL, (1941) B.S., M.D. <i>Assistant in Medicine</i>	Duke Hospital
NEWMAN, GLENN CARRAWAY, (1939) B.S., M.D. <i>Assistant in Medicine</i>	Duke Hospital
ORMANDY, LASZLO, (1940) M.D. <i>Fellow in Spastic Clinic</i>	Duke Hospital
PAGE, SAMUEL WATSON, JR., (1940) B.S., M.D. <i>Assistant in Medicine</i>	Duke Hospital

PODGER, KENNETH ARTHUR, (1941) B.A., M.D. <i>Assistant in Medicine</i>	Duke Hospital
RANDELL, ELISABETH CATHERINE, (1942) M.B., B.S. <i>Assistant in Biochemistry</i>	Duke Hospital
RICKETSON, ROBERT ALFRED GREER, (1941) A.B. <i>Assistant in Anatomy</i>	Duke Hospital
SALMON, A. AUSTIN, (1941) B.S. <i>Research Fellow in Endocrinology</i>	Duke Hospital
SARETT, HERBERT PAUL, (1939) B.A., M.D. <i>Assistant in Biochemistry</i>	Duke Hospital
SCHANHER, PAUL WELSTEAD, JR., (1939) B.A., M.D. <i>Assistant in Surgery</i>	Duke Hospital
SCHLAYER, CLOTILDE, (1937) Ph.D. <i>Research Assistant in Medicine</i>	Washington Duke Hotel
SCHNOOR, THOMAS GILBERT, (1940) B.S., M.D. <i>Assistant in Otolaryngology and Ophthalmology</i>	2308 Erwin Road
SKINNER, BENJAMIN SMITH, (1941) A.B., M.D. <i>Assistant in Medicine</i>	Duke Hospital
SMITH, PRESTON WILLIAM, (1932) <i>Assistant in Clinical Microscopy</i>	114 E. Seeman Street
SMITH, STEDMAN WEST, (1941) A.B., M.D., C.M. <i>Assistant in Pathology</i>	Duke Hospital
SNOW, WILLARD GROESBECK, (1940) A.B., M.D. <i>Assistant in Medicine</i>	Duke Hospital
STAINBROOK, EDWARD JOHN, (1940) A.B., Ph.D. <i>Research Psychologist</i>	1005 Buchanan Road
STENHOUSE, GORDON CONOVER, (1941) B.A., M.D. <i>Assistant in Medicine</i>	2009 Club Boulevard
STUBBS, ALLSTON, (1935) A.B., LL.B., LL.M. <i>Assistant in Legal Aid Clinic</i>	University Apartments
SUMMERS, PERCY, (1941) P., B.S., B.M. <i>Rockefeller Foundation Fellow in Biochemistry</i>	Duke Hospital
TATE, LAWSON, (1941) B.S., M.D. <i>Assistant in Pathology</i>	Duke Hospital
THORNHILL, PATTI MARIE SILLS, (1940) A.B., M.D. <i>Assistant in Pediatrics</i>	Duke Hospital
TRENT, JOSIAH CHARLES, (1939) A.B., M.D. <i>Assistant in Surgery</i>	2318 Club Boulevard
VENNING, LAURA EUGENIA ROSS, (1941) A.B., M.D. <i>Assistant Physician of Student Health and Assistant in Pediatrics</i>	Duke Hospital
WALKER, CHARLOTTE FRISCH, (1941) M.D. <i>Assistant in Neuropsychiatry</i>	Duke Hospital
WALKER, GERALD CAMPBELL, (1941) M.D., C.M. <i>Assistant in Pathology</i>	Duke Hospital
WELLS, WARNER LEE, (1938) M.D. <i>Assistant in Surgery</i>	Vineyard Street and Legion Avenue
*WHILDIN, JAMES GRIFFITH, (1939) B.S., M.D. <i>Research Fellow, National Cancer Institute, in Radiology</i>	Duke Hospital

* On leave of absence; on active duty with U. S. Army.

- WILSON, JAMES MAZYCK, (1938) A.B., M.D.
Assistant in Obstetrics and Gynecology 818 Buchanan Boulevard
- WISE, NANCY BOWMAN, (1937) A.B., M.D.
James A. Greene Research Fellow in Medicine and Bacteriology University Apartments

INSTRUCTIONAL ASSISTANTS IN PHYSICAL EDUCATION
 TRINITY COLLEGE

- CALDWELL, HERSCHEL, (1930)
Instructor in Physical Education;
Coach of Freshman Sports 1023 Markham Avenue
- CAMERON, EDMUND McCULLOUGH, (1926) A.B.
Instructor in Physical Education; Head Coach of Varsity
Basketball; Assistant Coach of Football Hope Valley
- CARD, WILBUR WADE, (1902) A.B.
Instructor in Physical Education 1110 Minerva Avenue
- CHAMBERS, ROBERT LUTHER, (1933) B.S. in Ed.
Instructor in Physical Education;
Head Coach of Varsity Track Prince Street
- COOMBS, JOHN WESLEY, (1929) B.S.
Instructor in Physical Education;
Head Coach of Varsity Baseball 101 House DD, Craven Quadrangle
- CRICHTON, MARSHALL, (1931)
Instructor in Golf Hope Valley
- DEAN, DAYTON ROBERT, (1931) A.B.
Business Manager of Athletics Pershing Street
- FOGLEMAN, WILLIAM HARRY, (1935) A.B.
Instructor in Physical Education; Coach of Tennis 2417 Farthing Street
- GERARD, KENNETH, (1931) B.S.
Instructor in Physical Education;
Director of Intramural Sports 1209 North Duke Street
- HAGLER, ELLIS, (1930) A.B.
Instructor in Physical Education; Coach of
Varsity Golf; Assistant Coach of Football 220 Forest Wood Drive
- *HILL, DAN WINFIELD, JR., (1939) A.B.
Assistant in Physical Education 206 Watts Street
- LEWIS, HUBERT MURRY, (1937) B.S.
Assistant Instructor in Physical Education and Track Duke University
- MONTFORT, ROBERT, (1940) B.A.
Assistant Instructor in Physical Education Duke University
- PERSONS, WALTER, (1930)
Instructor in Physical Education; Coach of Swimming;
Coach of Lacrosse 612 Swift Avenue
- POTTER, HARVEY L., (1940) B.A.
Instructor in Physical Education;
Coach of Wrestling 2200 University Drive
- STANLEY, DENNIS KEITH, (1939) A.B.E., M.Ed.
Instructor in Physical Education; Assistant
Coach of Football 132 Pinecrest Road

* Resigned, December 23, 1941.

INSTRUCTIONAL ASSISTANTS IN PHYSICAL EDUCATION
THE WOMAN'S COLLEGE

BOOKHOUT, ELIZABETH CIRCLE, MRS., (1932) A.B., M.S. <i>Instructor in Physical Education</i>	1307 Alabama Avenue
DOWLING, MARY LOUISE, (1937) B.S. <i>Instructor in Physical Education and Recreation</i>	205 Faculty Apartments
LEWIS, MARTHA MODENA, (1933) B.S. <i>Instructor in Physical Education and Dance</i>	306 Erwin Apartments
ROGERS, HARRIET ROWLEY, MRS., (1939) B.S., M.A. <i>Instructor in Physical and Health Education</i>	814 Second Street
SMITH, NATALIE, (1940) B.A., M.S. <i>Instructor in Physical Education</i>	306 Erwin Apartments

THE UNIVERSITY LIBRARIES

UNIVERSITY LIBRARY

LUND, JOHN JORGENSEN, A.B., Ph.D., Certificate of Librarianship <i>University Librarian</i>	921 Monmouth Avenue
BREEDLOVE, JOSEPH PENN, A.B., A.M. <i>Librarian Emeritus</i>	407 Watts Street
GREENE, JANE, A.B., B.A. in L.S. <i>Head Order Librarian</i>	1004 West Trinity Avenue
MERRITT, GERTRUDE, A.B. <i>Head Serials Librarian</i>	1907 Club Boulevard
NUERMBERGER, GUSTAVE ADOLPH, A.B., A.M., Ph.D. Certificate of Librarianship <i>Head Reference Librarian</i>	2018 Woodrow Street
OYLER, HELEN, A.B., B.S. in L.S. <i>Head Circulation Librarian</i>	512 Watts Street
TAUBE, MORTIMER, A.B., Ph.D., Certificate of Librarianship <i>In Charge of Book Selection</i>	1109 North Gregson Street
TILLEY, NANNIE M., A.B., M.A., Ph.D. <i>Curator of Manuscripts</i>	2313 Club Boulevard
WESCOTT, MARY, A.B., B.S. in L.S. <i>Head Cataloger</i>	1008 Monmouth Avenue
APSLER, ALFRED, Ph.D. <i>Reference Librarian</i>	2123 Sprunt Street
BENTZ, DALE M., A.B., A.B. in L.S. <i>Serials Cataloger</i>	House HH, Room 121
BEVERS, MRS. EARL <i>Assistant in Charge, Work Room</i>	830 Wilkerson Avenue
BITTING, MARY ELIZABETH, A.B., M.A., A.B. in L.S. <i>Serials Cataloger</i>	2105 Club Boulevard
BRANCH, OLIVE, A.B., A.B. in L.S. <i>Cataloger</i>	1008 Monmouth Avenue

BURCH, VELLA JANE, A.B., A.M., B.A. in L.S. <i>Cataloger</i>	316 N. Elizabeth Street
CLEMENTS, LILLIE DUKE, A.B. <i>Assistant, Serials Department</i>	1024 Markham Avenue
CLINE, JOHN <i>Assistant, Circulation Department</i>	405 South Alston Avenue
COVINGTON, LENA, A.B., A.B. in L.S. <i>Classifier</i>	1008 Monmouth Avenue
COX, MRS. EVA WOODALL, A.B. <i>Librarian in Charge, Divinity School Library</i>	No. 4 Allenton Apts.
COX, VIRGINIA E., A.B. <i>Librarian in Charge, Chemistry Library</i>	1017½ Gloria Avenue
DOUGLAS, ELINOR, A.B., M.A. <i>Assistant, Periodical Room</i>	2114 Myrtle Avenue
DUDLEY, MRS. KATHLEEN MAULTSBY, A.B. <i>Assistant, Serials Department</i>	310 Oakwood Avenue
DUKE, MRS. KENNETH L. <i>Secretary to the University Librarian</i>	2112 Englewood Avenue
FORLINES, MARTHA LANE, A.B. <i>Assistant, Circulation Department</i>	1014 Broad Street
FRAZIER, ROSE MARIE, B.S., B.M., A.B. <i>Circulation Librarian</i>	1107 Watts Street
FREY, ELLEN, B.A., M.A. <i>Reference Librarian</i>	819 Third Street
GOODWIN, NOMA LEE, A.B. <i>Assistant, Manuscripts Department</i>	Roxboro Road
HIX, EDWIN JONATHAN, A.B. <i>Circulation Librarian</i>	127 Exum Street
HOPKINS, BERTHA, B.S., A.B. in L.S. <i>Serials Cataloger</i>	No. 11 Trinity Apartments
JETT, FLORENCE LEIGH, A.B., A.B. in L.S. <i>Bibliographer, Order Department</i>	1011 Monmouth Avenue
KENNEDY, VIRGINIA, A.B. <i>Assistant in Charge, Physics-Mathematics Library</i>	2416 Huron Street
KIMBALL, MRS. RALPH, A.B., B.S. in L.S. <i>Cataloger</i>	2112 Wilson Street
McMILLAN, LOUISE <i>Assistant, Serials Department</i>	1414 Dollar Avenue
MATZ, MRS. PHOEBE LAND, A.B., B.S. <i>Cataloger</i>	No. 11 Trinity Apts.
MAULTSBY, MARGARET DEEMS <i>Assistant, Catalog Department</i>	1314 Broad Street
MONIER, EUGENIE <i>Librarian in Charge, Engineering Library</i>	1020 Monmouth Avenue
MONTAGUE, MARGARET, A.B. <i>Assistant, Catalog Department</i>	206 Parrish Place
MURRAY, AGNES M., A.B. <i>Bibliographer, Order Department</i>	405 Erwin Apartments

- OATHOUT, MRS. EVELYN LEWIS, B.S.
Documents Cataloger 1021 Gloria Avenue
- PARKER, WIXIE ELMA, A.B., B.S. in L.S.
Librarian in Charge, Periodical Room No. 7 Powe Apts., Watts St.
- POOLE, MARY ELIZABETH, A.B., B.A. in L.S.
Librarian in Charge, Documents Room 407 Watts Street
- RAMAGE, MARY ALLENE, A.B., B.A. in L.S.
Newspaper Librarian 1003 Monmouth Avenue
- ROBERTS, MRS. WESLEY
Assistant, Catalog Department Hillsboro, N. C.
- ROSE, MRS. JESSE, A.B.
Reference Librarian 804 Fourth Street
- SAUNDERS, MRS. VERINA, B.S., M.A.
Assistant, Reference Department 819 Third Street
- SCRUGGS, MRS. OUIDA PRICE, B.S., B.S. in L.S., M.A. in L.S.
Undergraduate Reference Librarian 804 Fourth Street
- SEIGLER, MRS. M. B., A.B.
Cataloger 1311 Arnette Avenue
- SIEGEL, MRS. PAUL, A.B.
Assistant, Order Department 222 Morris Street
- SNIPES, ELIZABETH B., A.B.
Assistant, Work Room 1011 Monmouth Avenue
- STALLCUP, MARJORIE
Librarian in Charge, Biology Library 1017 Gloria Avenue
- STRICKLAND, ERMA
Accessions Librarian 911 Second Street
- TAGGART, EMMA LOU, A.B., B.S. in L.S.
Cataloger 1001 Monmouth Avenue
- WILKERSON, MRS. LUTHER C.
Secretary to the Librarian Emeritus 613 Milton Avenue

WOMAN'S COLLEGE LIBRARY

- GRIGGS, LILLIAN BAKER, MRS., B.A. in L.S.
Librarian 915 Monmouth Avenue
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- HARRISON, EVELYN JENNINGS, A.B., B.S. in L.S.
Head Cataloger 1008 Monmouth Avenue
- HICKS, MRS. SPEARS, A.B., A.B. in L.S.
Reference Librarian 121 West Seeman Street
- HOBGOOD, MRS. BURKE, JR., A.B.
Assistant, Circulation Department 2406 Highland Avenue
- PARKER, ENID, A.B., M.A., B.A. in L.S.
Periodicals Librarian 307 Faculty Apartments
- SHEPARD, ELIZABETH, A.B., A.B. in L.S.
Cataloger 703 Watts Street
- TILLET, MARGARET S., A.B., A.B. in L.S.
Circulation Librarian 112 West Seeman Street

LAW LIBRARY

ROALFE, WILLIAM ROBERT, LL.B. <i>Librarian</i>	2410 West Club Boulevard
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COVINGTON, MARY SIMMONS, A.B., LL.B. <i>Research Librarian</i>	Faculty Apartments
DAY, KATHERINE, B.S. <i>Assistant Cataloger</i>	512 Watts Street
LONG, MARIANNA, A.B., B.S. in L.S. <i>Head Cataloger</i>	1008 Monmouth Avenue
BETHEA, LOUISE <i>Assistant in Order Division</i>	1023 Gloria Avenue
HESSEE, NATALIE <i>Secretary to the Librarian</i>	203 Roxboro Street

MEDICAL SCHOOL LIBRARY

FARRAR, JUDITH, A.B., B.S. <i>Librarian</i>	177 Faculty Apartments, East Campus
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UNIVERSITY CHAPEL

HICKMAN, FRANKLIN SIMPSON, A.B., A.M., S.T.B., Ph.D. <i>Dean of the Chapel</i>	823 Buchanan Road
<hr/>	
BARNES, JAMES FOSTER, A.B., A.M. <i>Director of Choral Music</i>	2401 Cranford Road
BREES, ANTON <i>University Carillonneur</i>	1111 Watts Street
BROADHEAD, EDWARD HALL, A.B., A.M., M.M. <i>University Organist</i>	1015 Dacian Avenue
BABCOCK, FARRAR JEANNE, A.B. <i>Assistant in Religious Activities, Woman's College</i>	203 Watts Street
COTTINGHAM, W. THOMAS, JR., A.B. <i>Assistant in Religious Activities, Trinity College</i>	Duke University

PHYSICAL EDUCATION AND STUDENT HEALTH

WADE, WALLACE, A.B. <i>Director of Physical Education, Trinity College</i>	West Campus
GROUT, JULIA REBECCA, A.B., M.S. <i>Assistant Professor of Physical Education, Woman's College</i>	205 Jones Street
SPEED, JOSEPH ANDERSON, M.D. <i>Director of Student Health</i>	913 Dacian Avenue
*CONGLETON, VIRGINIA LEE, (1941) A.B., M.D. <i>Resident Physician, Woman's College</i>	Duke University

*Resigned, October 31, 1941.

*MARTIN, JEAN McNUTT, B.S., M.D. <i>Physician, Woman's College</i>	Faculty Apartments
PAGE, WRAY RAMSEY, MRS., (1928) R.N. <i>Resident Nurse</i>	East Campus Infirmary
VENNING, LAURA EUGENIA ROSS, (1941) A.B., M.D. <i>Resident Physician, Woman's College</i>	Duke University
VESTAL, MOZELLE, (1931) R.N. <i>Resident Nurse</i>	East Campus Infirmary

SOCIAL AND MUSICAL ACTIVITIES

BARNES, EVELYN, B.S. <i>Head of Alspaugh House</i>	Alspaugh House
BARNES, JAMES FOSTER, MRS. <i>Director of the Woman's College Musical Clubs</i>	2401 Cranford Road
**CHAFFIN, NORA CAMPBELL, A.B., A.M. <i>Head of Bassett House</i>	Bassett House
DITLEVSON, ARLINE, A.B., A.M. <i>Head of Aycock House</i>	Aycock House
FEARING, ROBERT BEVERIDGE <i>Director of the College Orchestras and Band</i>	410 Watts Street
*FREEMAN, MAY, A.B. <i>Head of Aycock House</i>	Aycock House
HULL, ALMA, A.B. <i>Head of Pegram House</i>	Pegram House
PEMBERTON, MARY NORCOTT, MRS. <i>Hostess, West Campus Union</i>	Kilgo Quadrangle, West Campus
TAYLOR, HARRIET, MRS. <i>Head of Giles House</i>	Giles House
ALDRIDGE, FRED SOULE, A.B., A.M. <i>Chaplain of Duke Hospital and Director of the Golden Cross</i>	East Campus
UPCHURCH, WALTER MCGOWAN, JR., A.B., LL.B. <i>Financial Adviser, Student Activities</i>	Faculty Apartments

FELLOWS AND GRADUATE ASSISTANTS
UNIVERSITY FELLOWS

<i>Name</i>	<i>Department</i>	<i>Home Address</i>
BAUMGARTEN, ERWIN B.S., California Institute of Technology; A.M., University of California at Los Angeles	Chemistry	Pasadena, Calif.
BENNETT, JOHN BOYCE A.B., Wofford College; B.D., Duke University	Religion	Fort Mill, S. C.
***CAIN, HERBERT LLOYD A.B., Southwestern; A.M., Duke University	Greek	Asheville, N. C.

* Resigned, June 30, 1941.

** Absent on leave, second semester, 1941-1942.

*** Resigned, March 11, 1942.

CAUGHEY, MARY GLADYS B.S., Geneva College; A.M., Columbia University	Botany	Chester, W. Va.
CIVIN, PAUL A.B., University of Buffalo; A.M., Duke University	Mathematics	Buffalo, N. Y.
DECKER, JOHN PETER B.S., University of Idaho; A.M., Duke University	Botany	Moscow, Idaho
*DIBELER, VERNON HAMILTON B.S., A.M., Duke University	Chemistry	Roselle Park, N. J.
†HAMMOND, HANS A.B., University of Florida	History	New York, N. Y.
HARDCASTLE, AARON BASCOM A.B., A.M., University of Richmond	Zoology	Durham, N. C.
HUMM, HAROLD JUDSON B.S., University of Miami	Botany	Miami, Fla.
MCDUGALL, KENNETH DOUGAL Duke University	Zoology	Durham, N. C.
MEDALIE, ESTHER LEAH A.B., University of Minnesota	Political Science	Minneapolis, Minn.
PERRY, PERCIVAL A.B., Wake Forest College; A.M., Rutgers University	History	Chesterfield, S. C.
RAPP, MARVIN AUGUST A.B., Colgate University; A.M., Duke University	History	Buffalo, N. Y.
REYNOLDS, JOHN BRADLEY A.B., Duke University	Education	Mt. Savage, Md.
RICHARDS, JAMES AUSTIN, JR. A.B., Oberlin College	Physics	Oberlin, Ohio
‡ROBERTS, HENRY STOUTTE, JR. A.B., Mercer University	Zoology	Milledgeville, Ga.
¶ROBERTS, LUCIEN EMERSON A.B., A.M., University of Georgia	History	Carrollton, Ga.
SCHROYER, FRANKLIN KARL A.B., Allegheny College; A.M., University of Buffalo	Physics	Loganton, Pa.
SOODAK, HARRY B.S., College of the City of New York	Physics	Bronx, N. Y.
**STEWART, PAUL DEKKER A.B., Hope College; A.M., Duke University	Political Science	Asheville, N. C.
TEAGARDEN, LUCETTA JANE A.B., Wilson College; A.M., Duke University	English	Carmichaels, Pa.
††WOOD, FREDERIC MARCUS, JR. A.B., Western Reserve University	Latin	Madison-on-the-Lake, Ohio

* Resigned, December 13, 1941.

† Resigned, February 2, 1942.

‡ Resigned, February 9, 1942.

¶ Appointed, February 3, 1942.

|| Resigned, December 15, 1941.

** Resigned, January 29, 1942.

†† Resigned, November 18, 1941.

DUKE-BROOKINGS FELLOW

GERVIN, SPENCER REX Political Science Limestone, Tenn.
 B.S., East Tennessee State Teachers College; A.M., Duke University

INDUSTRIAL RESEARCH FELLOWS

COGSWELL, SUMTER ALDAGE Chemistry Chattanooga, Tenn.
 B.S., Duke University

HACKNEY, EDWARD JUNE Chemistry Durham, N. C.
 B.S., Duke University

MOFFETT, ROBERT PREYER Chemistry Greensboro, N. C.
 B.S., Duke University

GRADUATE ASSISTANTS

*ABRAMOVITCH, BENJAMIN Chemistry Montreal, Quebec, Canada
 B.S., McGill University

ADAMS, JOE TAYLOR Chemistry Dallas, Texas
 B.S., Southern Methodist University

†ALDRIDGE, ALFRED OWEN English Buffalo, N. Y.
 B.S., Indiana University; A.M., University of Georgia

AMORE, SALVATORE THOMAS Chemistry Brooklyn, N. Y.
 A.B., Brooklyn College; A.M., Duke University

BARTON, ELEANOR PHILLIPS Zoology Greensboro, N. C.
 A.B., Woman's College of the University of North Carolina; A.M., Columbia University

‡BROWN, HENRY CLAY, III Chemistry Shamrock, Fla.
 B.S., Duke University

§BROWN, WALTER VARIAN Botany Durham, N. C.
 A.B., M.S., Brown University

BRYAN, WILLIAM ALFRED English Sumter, S. C.
 A.B., College of Charleston; A.M., Duke University

||BYERS, GORDON CLEAVES Mathematics Hancock, Mich.
 A.B., University of Michigan

CARTER, MARY MARJORIE Romance Languages Palatka, Fla.
 A.B., Florida State College for Women

CLARK, FRANK EUGENE Mathematics Elizabethton, Tenn.
 A.B., Dartmouth College

**CLAYTON, LILYAN Zoology Durant, Okla.
 A.B., M.S., University of Oklahoma

††CLEVELAND, LESLIE JOSEPH History International Falls, Minn.
 A.B., Carleton College

COMSTOCK, MARTHA ALIDA Botany Lynn, Mass.
 A.B., Smith College

CRAGHEAD, FRANCES ANN Latin Lynchburg, Va.
 A.B., Randolph-Macon Woman's College; A.M., Duke University

* Appointed, November 12, 1941.

† Resigned, February 24, 1942.

‡ Appointed, February 12, 1942.

§ Resigned, February 3, 1942.

|| Resigned, December 15, 1941.

** Resigned, February 17, 1942.

†† Resigned, February 5, 1942.

DEAL, CARL HOSEA, JR. B.S., Duke University	Chemistry	Salisbury, N. C.
DIAMOND, STANLEY STUART A.B., University of Wichita; A.M., Haverford College	Political Science	Wichita, Kan.
EARLY, BENJAMIN WEISIGER A.B., A.M., University of Virginia	English	Richmond, Va.
EPSTEIN, HERMAN THEODORE A.B., University of Michigan	Physics	Portland, Maine
FIREBAUGH, JOSEPH JESSE A.B., University of Colorado; A.M., Duke University	English	Denver, Colo.
*FREISER, HENRY B.S., College of the City of New York	Chemistry	New York, N. Y.
GARDNER, RALPH AHIGA A.B., A.M., University of Kentucky	Philosophy	Somerset, Ky.
HAHN, SAMUEL WILFRED A.B., Lenoir Rhyne College	Mathematics	Winston-Salem, N. C.
HAPALA, MILAN ERNEST A.B., Beloit College; A.M., University of Nebraska	Political Science	Brno, Czechoslovakia
HARDENDORFF, VICTOR HALL A.B., Amherst College	English	North Amherst, Mass.
†HESTER, WILLIAM HENRY, JR. A.B., A.M., Emory University	Philosophy	Atlanta, Ga.
‡HOLMAN, HARRIET R. A.B., Winthrop College; A.M., University of Michigan	English	Anderson, S. C.
HOSACK, ROBERT EWING A.B., College of Wooster; A.M., University of Chicago	Political Science	Durham, N. C.
HULL, EDYTH MAUD A.B., Duke University	Psychology	Shaker Heights, Ohio
HULL, WAYLAND ELROY A.B., Milton College	Zoology	Milton, Wis.
JACKSON, ELIZABETH GRINNAN A.B., A.M., College of William and Mary	English	Norfolk, Va.
¶JOHNSON, KATHRYN ELOISE A.B., Duke University	Botany	Glen Burnie, Md.
JOHNSON, LAWRENCE CLIFFORD A.B., State University of Iowa	Sociology	Durham, N. C.
JONES, JAMESON MILLER A.B., Southwestern; B.D., Louisville Presbyterian Theological Seminary	Religion	Corinth, Miss.
JORDAN, CHARLES DANIEL A.B., East Carolina Teachers College; A.M., George Peabody College for Teachers	Zoology	Greenville, N. C.
KAO, CHUN CH'UN A.B., A.M., Yenching University	Psychology	Peiping, China
KNEIPP, JANET RETTEW A.B., Duke University	English	Durham, N. C.

* Resigned, November 15, 1941.

† Resigned, January 27, 1942.

‡ Appointed, February 23, 1942.

¶ Appointed, February 3, 1942.

|| Resigned, February 1, 1942.

KNIGHT, WALTER DAVID, JR. A.B., Middlebury College	Physics	Newton Centre, Mass.
KOCH, SIGMUND A.B., New York University; A.M., State University of Iowa	Psychology	New York, N. Y.
KOZLOWSKI, THEODORE THOMAS B.S., Syracuse University; A.M., Duke University	Forestry	Buffalo, N. Y.
KRAUSE, JAMES BARBER A.B., University of Alabama	Zoology	Williamsport, Pa.
LEVITSKY, IHOR ALEXANDER A.B., University of Rochester; A.M., University of Buffalo	Philosophy	Rochester, N. Y.
LIVINGSTON, ROBERT BLAIR A.B., Colorado College; A.M., Duke University	Botany	
LUNDBERG, DONALD EMIL A.B., Iowa State Teachers College	Psychology	Waterloo, Iowa
MAEGLIN, JOHN WILLIAM A.B., State University of Iowa	Sociology	Muscatine, Iowa
*MAGALHAES, HULDA B.S., New Jersey College for Women; A.M., Mount Holyoke College	Zoology	Hopewell, N. J.
MALONE, THOMAS PATRICK A.B., Duke University	Sociology	Mahanoy City, Pa.
†MARSH, JAMES WHITE A.B., Duke University	Chemistry	Monroe, N. C.
MASSEY, CALVIN LEROY B.S., Colorado State College; A.M., Duke University	Forestry	Wheatridge, Col.
MEASDAY, WALTER SPARKS A.B., College of William and Mary	Economics	Westwood, N. J.
MESERVE, BRUCE ELWYN A.B., Bates College; A.M., Duke University	Mathematics	Portland, Me.
‡MINNICH, LAWRENCE ARTHUR, JR. A.B., Princeton University	History	Lorain, Ohio
MONTGOMERY, CLYDE RAYMOND A.B., Salem College; M.S., West Virginia University	Education	Andrews, N. C.
¶MORANA, SIMON JOSEPH B.S., Western Reserve University	Chemistry	Cleveland, Ohio
NEEL, SAMUEL REGISTER, JR. A.B., Emory and Henry College	Religion	Cumberland, Md.
OGLESBY, ROSCOE RALPH A.B., Georgetown College; A.M., University of Virginia	Political Science	Lynchburg, Va.
**O'ROURK, ANN ELISABETH A.B., Duke University	Zoology	Dundalk, Md.
PATRICK, CLARENCE HODGES A.B., Wake Forest College; B.D., Andover Newton Theological School	Sociology	Greenville, N. C.
PURCELL, JAMES SLICER, JR. A.B., John B. Stetson University; A.M., Duke University	English	Lakeland, Fla.

* Appointed, October 27, 1941.

† Appointed, February 26, 1942.

‡ Resigned, February 13, 1942.

¶ Appointed, November 13, 1941.

|| Appointed, February 3, 1942.

** Appointed, February 23, 1942.

*RANDALL, ELMA LOUISE A.B., John B. Stetson University	Zoology	Daytona Beach, Fla.
†RAPAPORT, LORENCE A.B., Harvard University	Chemistry	Hartford, Conn.
REYNOLDS, THOMAS DAVIES A.B., Duke University	Mathematics	Asheville, N. C.
SAMUELL, JAMES MADISON A.B., Ohio Wesleyan University; A.M., Ohio State University	Education	Zanesville, Ohio
SAUNDERS, ERNEST WILLIAM B.S., S.T.B., Boston University	Religion	Boston, Mass.
SCHERAGA, HAROLD ABRAHAM B.S., College of the City of New York	Chemistry	Brooklyn, N. Y.
‡SEEVERS, DELMAR OSWELL B.S., Duke University	Physics	St. John, Kan.
SHIPMAN, WILLIAM HAROLD A.B., Montana State University	Economics	Hendersonville, N. C.
SMITH, WILLIAM JORDAN JOSEPH A.B., University of Texas	Economics	Dallas, Texas
§STALLCUP, MARY JANE B.S., Duke University	Physics	St. Petersburg, Fla.
STARLING, JAMES HOLT A.B., A.M., University of Alabama	Zoology	Troy, Ala.
STEWART, TRUMAN JOEL A.B., Earlham College; A.M., Duke University	History	West Alexandria, Ohio
STOCKDALE, RUTH MARY B.S., Duke University	Chemistry	Pittsburgh, Pa.
**TARRANT, PAUL B.S., Howard College; M.S., Purdue University	Chemistry	Birmingham, Ala.
TAYLOR, DONALD LAVOR B.S., M.S., Utah State Agricultural College	Sociology	Ephraim, Utah
††THOMAS, OPAL BERNADINE A.B., Rockford College; A.M., University of Wisconsin	Economics	Madison, Wis.
‡‡TOMPSON, READE YATES B.S., Brown University	Chemistry	Attleboro, Mass.
WAGGONER, BROOKS MILTON A.B., University of Arkansas; B.D., Duke University	Religion	Stilwell, Okla.
¶¶WATTS, DANIEL THOMAS A.B., Elon College	Zoology	Elon College, N. C.
WERBEL, BURTON A.B., New York University; A.M., Duke University	Chemistry	Newark, N. J.

* Resigned, October 22, 1941.

† Resigned, February 15, 1942.

‡ Resigned, December 15, 1941.

§ Appointed, January 30, 1942.

|| Resigned, January 28, 1942.

** Resigned, November 13, 1941.

†† Appointed, February 3, 1942.

‡‡ Resigned, November 13, 1941.

¶¶ Resigned, March 6, 1942.

|||| Appointed, November 13, 1941.

WHELPTON, MONIQUE MURIEL A.B., Furman University	Romance Languages	Paris, France
WILSON, CHARLES CHRISTOPHER B.S., University of Miami	Botany	Miami, Fla.

GRADUATE SCHOLARS

ARCHBOLD, JULIANA ELIZABETH A.B., Hiram College	Romance Languages	Lakewood, Ohio
BAKER, MAURY DAVISON, JR. A.B., University of Miami	History	Richmond, Va.
BAXTER, JOSEPH RAY A.B., Berea College	History	Camp Dix, Ky.
BRADSHAW, CATHERINE PAULINE A.B., College of St. Teresa; A.M., University of Minnesota	Greek	Kimball, S. D.
BREWSTER, LAWRENCE FAY A.B., College of William and Mary; A.M., Columbia University	History	Durham, N. C.
ELLEN, JOHN CALHOUN, JR. A.B., Emory and Henry College	History	Dillon, S. C.
ELLIOTT, FLAVEL SCOTT A.B., Dartmouth College; A.M., University of North Carolina	English	Durham, N. C.
EVANS, ALONA ELIZABETH A.B., Duke University	Political Science	Durham, N. C.
HARTMAN, INEZ REBECCA A.B., University of Chattanooga	Romance Languages	Chattanooga, Tenn.
KAMIN, HENRY B.S., College of the City of New York	Biochemistry	Brooklyn, N. Y.
LANG, CECIL YELVERTON A.B., Duke University	English	Walstonburg, N. C.
LEARY, THOMAS FRANCIS B.S., Appalachian State Teachers College; A.M., Duke University	English	Northampton, Mass.
LORMAN, JUSTINE HELEN A.B., University of Pennsylvania	English	Philadelphia, Pa.
LUCHANS, DOROTHY R. ALEXANDER A.B., Duke University	German	Atlanta, Ga.
MURDOCH, BERNARD CONSTANTINE B.S., Appalachian State Teachers College; M.Ed., University of Cincinnati	Education	Charlotte, N. C.
NEUPERT, LOIS ELIZABETH A.B., Mount Holyoke College	English	Maplewood, N. J.
QUEEN, FRANCIS VERNON A.B., Berea College	Political Science	Ashland, Ky.
ROGERS, NAT SIMS A.B., Millsaps College	Economics	New Albany, Miss.
*STEWART, CLIFFORD WEST B.S., Alabama Polytechnic Institute	History	Opelika, Ala.

* Resigned, December 16, 1941.

THE COLLEGES

GENERAL STATEMENT

Duke University offers in Trinity College, the Woman's College, and the College of Engineering three academic degrees for undergraduate work: Bachelor of Arts, Bachelor of Science, and Bachelor of Science in Civil, Electrical, or Mechanical Engineering. Ten groups of studies lead to the degree of Bachelor of Arts, and two groups of studies lead to the degree of Bachelor of Science. These groups are designated by Roman numerals in the order in which they are described. For a description of these groups, see the section elsewhere in this catalogue under the topic "Groups of Studies for the Degree of Bachelor of Arts."

TRINITY COLLEGE

Trinity College is the undergraduate college for the men of Duke University and is situated on the West Campus along with the Graduate School of Arts and Sciences, the School of Law, the School of Medicine, the School of Nursing, the School of Forestry, and the Divinity School.

THE WOMAN'S COLLEGE

The Woman's College of Duke University is a college of arts and sciences within the University which provides for the instruction of undergraduate women as Trinity College provides for the instruction of undergraduate men.

The teachers of the College, many of whom teach also in Trinity College, are members of the University Faculty and are selected in cooperation with the several departments of instruction just as in the case of teachers of Trinity College, thus assuring a uniform educational standard. Graduates of the Woman's College, as graduates of all other colleges and schools within the University, receive their degrees from Duke University.

THE COLLEGE OF ENGINEERING

Duke University, through the College of Engineering, offers standard four-year courses in civil, electrical, and mechanical engineering, with an aeronautics option for mechanical engineers. These departments are housed respectively in Bivins, Asbury, Branson, and the Aeronautics Laboratory Buildings. Allied subjects are taught on the East Campus in Carr, West Duke, and the Science Buildings. The James H. Southgate Memorial Building, set aside for the housing of engineering students, contains social rooms, recitation rooms, gymnasium, dining rooms, and kitchen, as well as dormitory facilities. Meals are provided in this building at the same rate which prevails in the other University dining halls.

THE LIBRARIES

The library resources of the University total 632,327 volumes, 687,262 manuscript pieces, and 1,185 books on microfilm. Eighty-five foreign and domestic newspapers and 3,411 periodicals are received currently.

The University Library, in which the bulk of the collection is housed, is centrally located on the West Campus. The main Reference and Reading Room on the second floor contains about 5,000 volumes of important reference works and the books on reserve for senior-graduate courses. The Undergraduate Reading Room on the first floor contains a selection of reference books and the books on reserve for undergraduate courses, with additional books for general undergraduate reading. This room thus provides an undergraduate reading collection of approximately 5,000 selected volumes. The Documents Room on the second floor gives students access to the official publications of the federal and state governments. Seniors, honor students, and others undertaking special studies may be admitted to the stacks to facilitate their work. Libraries in the Chemistry, Physics, Biology, Engineering, and Divinity School buildings are a special convenience for students in these fields.

The Woman's College Library, which is one of the dominant units of the Georgian architecture of the East Campus, contains approximately 50,000 volumes. Among these are the books most constantly needed in the undergraduate work of women students. An attractive feature of the Library is the Booklovers' Room, comfortably furnished, where on open shelves students may find the newest books in various fields.

Undergraduate students also have free access to the library collections of the Medical and Law Schools.

NAVAL RESERVE OFFICERS' TRAINING CORPS

The primary object of the Naval Reserve Officers' Training Corps is to provide systematic instruction and training in essential naval subjects for a group of selected students so that they may be qualified and available for duties as deck officers in the United States Navy. The work supplements other courses taken in the University.

Admission

Enrollment in the Naval Reserve Officers' Training Corps is entirely voluntary. Applicants must pass a physical examination given by medical officers of the United States Navy.

Students are required to make applications on regular forms, which will be mailed on request. Applications are received at any time during the summer for the academic year beginning in September. No final acceptances are made, however, until after the student has reported in the fall, and the physical examinations and personal interview have been completed.

Outline of Course

The Department of Naval Science and Tactics is an integral part of the University, and the courses in Naval Science and Tactics are on the same level and receive the same form of credit toward graduation as other courses in the University.

The course in Naval Science and Tactics is a four-year course and runs continuously. Each semester's work is a prerequisite for the following semester's work.

The course consists of three hours of class work and two hours of drill, lecture, or laboratory a week.

The study of navigation and other subjects included as a part of the course requires a basic knowledge of mathematics, including algebra, plane and solid geometry and plane trigonometry. Freshman mathematics will fulfill this requirement.

Each summer, unless some emergency interferes, Naval Reserve Officers' Training Corps students are permitted to make a cruise of three or four weeks on a ship of the United States Navy without expense to the student, except for personal spending money. The Advanced Course cruise made by students at the end of their Junior year is a requirement for their commission.

Uniforms, Books and Equipment

Students in the course are furnished complete uniforms by the Navy Department. However, students provide themselves such items as collars, white shirts, black socks, and black shoes.

All books and equipment that the student needs in the course are lent to him without cost. A deposit of \$10.00 is required of each student to cover lost or damaged equipment. This deposit, or as much of it as remains, will be returned when the student severs his relation with the Unit.

Draft Status

Students enrolled in the Naval Reserve Officers' Training Corps may, at their volition, enlist in the U. S. Naval Reserve, Class V-1, which exempts them from the Selective Service and Training Act, so long as they remain in the Unit. This enlistment is canceled if connection with the Unit is severed for any reason.

ADMISSION TO TRINITY COLLEGE AND THE WOMAN'S COLLEGE

Applicants may qualify for admission to Trinity College or the Woman's College as members of the Freshman Class or as students with advanced standing. Since the enrollment in the two colleges is limited, the Committee on Admissions will select the students who, in its opinion, are best qualified to benefit from the educational advantages which the colleges offer.

APPLICATION FOR ADMISSION

Application for admission to Trinity College should be made to the Secretary of Duke University, Duke Station, Durham, North Carolina, for transmittal to the Council on Admissions. Application for admission to the Woman's College should be made to the Committee on Admissions, College Station, Durham, North Carolina. Forms of application will be sent on request.

GENERAL REQUIREMENTS

Admission to Trinity College and to the Woman's College is dependent upon the ability, attainments, and character of the applicant. Each applicant must see that the Committee on Admissions receives a complete record of his work in secondary school or college, the required medical certificate, and satisfactory evidence of his good character and ability.

SPECIFIC REQUIREMENTS

An applicant for admission to the Freshman Class must present at least fifteen acceptable units of secondary school credit. A unit of credit is allowed for a subject of study pursued throughout an academic year at an accredited secondary school, if the course has demanded five recitations a week and the prescribed amount of work has been completed satisfactorily.

1. Twelve units must be in English, foreign language, history and social studies, mathematics, and natural science; and must include:
 - (a) English—4 units
 - (b) Algebra—1 unit
 - (c) Plane geometry—1 unit.
2. Three units may be in the subjects listed above or from those in the following table. The units indicate the maximum amount of credit acceptable in each subject:

SUBJECT	UNITS	SUBJECT	UNITS
Agriculture	2	Mechanical Drawing	2
Art	1	Music	1
Commercial Subjects	3	Physical Geography	1
Economics	1	Sociology	1
Household Economics	2	Woodworking, Machine Work	2

Other units offered in subjects not included in this list will be considered for acceptance on the basis of full statements transmitted with the applicant's record from the school recommending him.

ADMISSION BY CERTIFICATE

A graduate of an accredited school, who submits a certificate of proficiency in fifteen acceptable units of secondary school subjects, and is recommended by his principal may be admitted without examination. This certificate must be on blanks furnished by the College and signed by the principal of the school in which the applicant completed his course.

ADMISSION BY EXAMINATION

An applicant who presents fifteen acceptable units for admission from a nonaccredited school is required to validate these units by entrance examinations and such other tests as the College may prescribe.

ADMISSION WITH ADVANCED STANDING

A student of good character who has completed satisfactorily at least one full year of college work in an approved college may be admitted with advanced standing. He must have fulfilled the equivalent of the requirements for admission to the Freshman Class, must present official certificates of all work done in other institutions, and have honorable dismissal from each institution previously attended. Credit for work completed will be determined in relation to the curriculum at Trinity College or the Woman's College.

A student enrolling for the Bachelor's degree who transfers from a junior college or from a four-year college not affiliated with the Southern Association, or a similar regional association, is under all circumstances required to continue for at least one semester in Trinity College or in the Woman's College the foreign language he presents for minimum graduation requirements.

A student who has transferred from a junior college or from a four-year college not affiliated with the Southern Association, or a similar regional association, must present laboratory notebooks in all science courses that are offered for advanced credit.

A student admitted with advanced standing will be given an average grade of "C" on the semester-hours with which he is credited, provided his grades warrant it. In order to make his provisional classification final, he must pass during his first year of residence not less than the equivalent of four year-courses, with an average grade of "C" or higher.

The maximum amount of credit acceptable from a junior college is sixty-two semester-hours.

No credit is given for work completed by correspondence and not more than six semester-hours of credit are allowed for work done by extension. Any extension work accepted must be specifically approved by the Dean of the College.

ADMISSION FOR SPECIAL WORK

Upon the approval of the Dean, a student of mature age may be admitted for special work in such courses of instruction as he is qualified to take, but not as a candidate for a degree in regular course unless he meets all requirements for admission.

READMISSION OF FORMER STUDENTS

A student who desires, following withdrawal from college, to return to the College and complete the requirements for a degree should apply for readmission to the Dean of the College. If a student, during his absence from the College, has completed any undergraduate work in another institution, he must submit an official transcript of such work, together with a statement of honorable dismissal, from that institution.

PRELIMINARY TESTS AND EXAMINATIONS

During the week immediately preceding the opening of college, all Freshmen are given health examinations, and tests on the basis of which they are assigned to proper sections in chemistry, English, mathematics, and foreign languages.

REQUIREMENTS FOR THE DEGREE OF BACHELOR OF ARTS

GENERAL REGULATIONS

The requirements for the degree of Bachelor of Arts are designed to give the students such training in certain fundamental subjects as is essential for intelligent, educated citizens. The requirements also provide the opportunity for as wide an election as possible from courses of study which are both interesting and practically helpful in connection with vocations the students plan later to pursue.

Credit for one hundred and twenty semester-hours, on which an average grade of "C" must be made, is required for the degree of Bachelor of Arts in all groups. In addition to these requirements all candidates for the Bachelor of Arts must complete, with an average grade of "C" or better, physical education to the equivalent of six semester-hours. In Trinity College the physical education requirement is completed by the end of the Sophomore year; in the Woman's College, by the end of the Junior year.

The Faculty has authorized the groups of studies below for the guidance of students in selecting the work required for graduation. A student is free to choose any group he may desire. The several groups are designed to be of special value in a chosen profession and at the same time to provide a well-balanced course of study. With the approval of the Dean a student may at any time transfer from one group to another. In such transfers, work done in one group and not prescribed in the other will count as general elective credit, but all work prescribed in the new group must be completed before the student can be graduated.

No student is permitted to take less than fourteen semester-hours of work without special permission from the Dean; to take more than the normal load of work (fourteen to seventeen semester-hours) unless his average grade in the preceding semester is "C" or above; or, under any conditions, to take more than nineteen semester-hours of work, exclusive of required physical education.

On or before the date announced for the spring registration every student is required to designate the group in which he plans to graduate and to arrange his program of courses for the ensuing year. All students, when choosing courses, are urged to seek the advice of instructors in whose departments they expect to receive instruction. No course card is valid until it has the approval of the Dean.

SPECIAL REGULATIONS

The following special rules applying to the selection of courses are authorized by the Faculty:

The total amount of work that a student, other than an Honors student, may take in any one department toward the Bachelor of Arts degree is limited to a maximum of thirty-six semester-hours; with the exception that a student whose principal work is in the Departments of English, Economics, or Romance Languages may be permitted to take additional work in subdepartments not to exceed a total in the department and the subdepartments of fifty-four semester-hours.

Candidates for the degree of Bachelor of Arts whose courses of study permit may elect work from the following subjects: engineering, not to exceed eighteen semester-hours; forestry, not to exceed eighteen semester-hours. The courses elected in these departments must be those approved by the Council on Undergraduate Instruction as appropriate for the Bachelor of Arts degree and published in the *Bulletin of Undergraduate Instruction*. The classification of these courses, as they affect divisions of concentration and restricted electives, is left to the student's major adviser and to the Dean.

No Senior may take for graduation credit any course primarily open to Freshmen; and no Junior may take for graduation credit more than one course primarily open to Freshmen. A list of these courses is published in the *Bulletin* under "Courses of Instruction."

Not more than one course of six or eight semester-hours of credit in final fulfillment of the requirements for the degree of Bachelor of Arts in Duke University may be taken in another institution of approved standing, and this course must first be approved by the head of the department concerned and by the Dean.

MINIMUM UNIFORM REQUIREMENTS FOR ALL GROUPS

The following requirements are authorized for all groups:

	S.H.
English 1-2	6
Natural Science	8
Economics, History, or Political Science	6
Religion	6

In addition to the above requirements, at least the third college year of a foreign language must be completed.

English 1-2, 6 s.h.—This requirement is normally met by the completion of English 1 and 2. However, a Freshman who satisfies the Department of English of his superior ability in composition may substitute another English course for the normal requirement.

Natural Science, 8 s.h.—A student who does not present for entrance an acceptable unit of science must take sixteen semester-hours of science for graduation.

Economics, History, or Political Science, 6 s.h.—A student who does not present for entrance two acceptable units of history (exclusive of other social science work) must take history as his required work; otherwise he may fulfill this requirement in any one of the three subjects.

Foreign Language (third college year).—Students who begin their language requirements in college are expected to follow the sequence of courses laid

down by the department whose work they take and can omit only such course or courses as may be approved both by the department and the office of the Dean. If a Freshman presents for entrance four units of Latin, he may satisfy his language requirements by taking either two years of Latin or two years of Greek. In exceptional cases, on the recommendation of the department and with the approval of the Dean, a student who has completed the second college year of a language may satisfy the requirement in language by completing the first college year of another language.

Of these minimum requirements, at least three courses, including English and foreign language, should be taken in the Freshman year, and all of them, except foreign language and religion, by the end of the Sophomore year.

The courses primarily open to Freshmen and the courses that will satisfy the requirements in history, science, and religion are listed under "Courses of Instruction."

GROUPS OF STUDIES FOR THE DEGREE OF BACHELOR OF ARTS

GROUP I

GENERAL

This group is based on the traditional requirement for the degree of Bachelor of Arts. Students who choose it must complete the minimum uniform requirements for graduation; forty-two semester-hours in a division of concentration, exclusive of courses open primarily to Freshmen (in the Division of the Natural Sciences a maximum of eight hours of Freshman work is permitted in the forty-two hours mentioned above); twelve semester-hours of restricted electives in the other divisions; and free elective work sufficient to complete, with an average grade of "C," the one hundred and twenty-two semester-hours necessary for graduation. The departments of instruction, for purposes of concentration, are grouped in three divisions:

Humanities: English, Fine Arts, German, Greek, Latin, Music, Philosophy, Romance Languages.

Social Science and History: Economics, Political Science, Education, History, Religion, Sociology.

Mathematics, Psychology, and Natural Science: Botany, Chemistry, Geology, Mathematics, Physics, Psychology, Zoology.

The forty-two semester-hours in the division of concentration must be distributed as follows: eighteen to twenty-four semester-hours in a major department and eighteen to twenty-four semester-hours in at least two other departments of the same division with a minimum of six semester-hours in each department. The minimum number of hours required by the department for a major shall not include any course open primarily to Freshmen. Introductory courses above the Freshman level are to be counted or not at the discretion of the department concerned.

For purposes of concentration certain courses listed in the same department are considered as being in different departments; namely, courses in French, Italian, and Spanish. Likewise, courses in economics and business administration are reckoned as being in different departments. Also a student taking his major work in English literature may count courses in English composition, dramatic technique, or public speaking as part of his related work in the same division.

The twelve semester-hours of restricted electives must be taken in one or both of the divisions not chosen for concentration, with a minimum of six semester-hours in any one department of these divisions.

Attention is called here to a special regulation governing all groups leading to the Bachelor of Arts degree which limits the amount of work a student, other than an Honors student, may take in any one department to a maximum of thirty-six semester-hours, with the proviso that a student whose principal work is in the Departments of English, Economics, or Romance Languages is permitted to take additional work in subdepartments not to exceed a total in the department and the subdepartments of fifty-four semester-hours.

The remaining hours necessary for graduation, after the minimum uniform requirements, the division of concentration, and the restricted electives are satisfied, are open as free electives.

On or before the date announced for the spring registration every Sophomore in the General Group should designate his division of concentration and his major department, and arrange under the guidance of an instructor in the major department his program of studies for the following year. He should obtain the instructor's written approval of all courses selected in the division of concentration before submitting his program to the Dean for final action. In like manner, upperclassmen will recheck their courses in their divisions of concentration each year with representatives of their major departments.

GROUP II

BUSINESS ADMINISTRATION

This group is designed for students who enter college with the purpose of engaging in some form of business activity after graduation. The required work consists of the minimum uniform requirements and the courses specified below.

The following arrangement of specified courses is recommended for students electing this group:

Freshman Year: Economics 11,* Mathematics 3-4, or equivalent.
 Sophomore Year: Economics 51-52, 57-58, Political Science 61-62.
 Junior Year: Economics 143, 138.**
 Senior Year: Economics 153-154, 181-182.

* This course is recommended but not required.

** With the permission of the Department, students specializing in accounting may substitute for this course one in that subject.

In addition to the courses specified above, a student in this group must elect twenty-one semester-hours from other courses in the Department. Six semester-hours of this elective work shall be selected from courses in the two-hundred group offered for Seniors and Graduates. With the permission of the Chairman of the Department students planning to take the examination to qualify as a Certified Public Accountant may be released from this requirement.

All elective work in economics must be approved in writing by the Director of Undergraduate Studies.

GROUP III

RELIGION

This group is designed for students who plan to enter the ministry or other religious work as a vocation after graduation. The required work consists of the minimum uniform requirements and the courses specified below.

The following arrangement of specified courses is recommended for students electing this group:

Freshman Year: Religion 1-2.

Sophomore Year: Religion (6 hours), Economics 51-52 or Political Science 61-62, English Literature (6 hours).

Junior Year: Religion (6 hours), Psychology 91.

Senior Year: Religion* (12 hours), Sociology (6 hours), Philosophy (6 hours).

GROUP IV

PRE-MEDICAL

Students qualifying for college graduation in this group must complete, in addition to the minimum uniform requirements, forty-two semester-hours in a division of concentration (subject to the regulations of the General Group), twelve semester-hours of restricted electives in one or both of the other divisions with at least six semester-hours in one department, and certain specific requirements as noted below. These specific requirements may count as part of the divisional concentration (if the division of concentration is the Natural Sciences) or they may count as restricted electives if another division of concentration is chosen. The foreign language should be German or French, preferably the former and including German 107-108.

The normal division of concentration for students electing this group is that of the Natural Sciences. However, the student may elect any one of the other two divisions for his divisional concentration. In this case, it may be necessary for him to complete more than one hundred and twenty-two semester-hours for his degree. If, however, the student chooses the Natural Sciences for his division of concentration, he is

* Not more than six semester-hours of electives may be taken in the Department of Religion.

urged to take as much elective work as possible in the Divisions of the Social Studies and the Humanities.

Completion of English 1 and 2; Chemistry 1-2, 61-70, 151-152; Physics 51-52; and Zoology 1-2 will satisfy the minimum course recommendations of the Association of American Medical Colleges. Many medical schools advise the completion of additional courses in these and in other subjects. The pre-medical student should ascertain the requirements of the particular medical school that he expects to attend.

The following arrangements of the courses in science is suggested:

Freshman Year: Chemistry 1-2, Zoology 1-2, Mathematics 7-8, or equivalent.

Sophomore Year: Chemistry 61-70, Physics 51-52.

Junior Year: Chemistry 151-152.

GROUP V

COLLEGE TEACHING

This group is designed for students who plan to do work in a graduate school and teach in college. The required work consists of the minimum uniform requirements and the work specified below:

French and German through the second year of college work.* Since one of these languages may be taken through the third year of college work to satisfy the minimum uniform requirements, only the one not taken thus must be chosen to meet the conditions of this group.

Twenty-four semester-hours of work in the major subject, exclusive of work in the subject offered primarily for Freshmen; twelve semester-hours of work in related subjects approved by the student's Departmental Adviser; twelve semester-hours in education, philosophy, and psychology, or in any one, not including any courses in secondary or elementary school methods.

Elective work, not to be taken in the major department, sufficient to complete the one hundred and twenty-two semester-hours necessary for graduation.

At least twelve semester-hours of the work taken in the Senior year must be in courses open only to Seniors and Graduates.

GROUP VI

PUBLIC SCHOOL TEACHING

This group is designed for two classes of students: (a) those who plan to teach in secondary schools; (b) those who plan to teach in elementary schools.

The required work consists of the minimum uniform requirements and the requirements listed under one of the classes below, according as the student expects to teach in a secondary school or in an elementary school.

* Greek or Latin may be substituted for either French or German.

CLASS A: SECONDARY SCHOOL TEACHING

Students in this class are required to take :

Eighteen semester-hours in education, of which three semester-hours may be in general psychology. The work in education must include three semester-hours in directed observation and practice teaching, three semester-hours in educational psychology, and three semester-hours in secondary education.

Six semester-hours, three each, in materials and methods, in two fields of high-school teaching.

Work in the subject matter of the two subjects the student intends to teach, sufficient to satisfy the minimum requirements as listed in the table below :

English, twenty-four semester-hours, to include the six of required work in composition, six in English literature, and six in American literature.

French, eighteen semester-hours, based on the usual two units for admission. German, Spanish, and Greek, the same requirements as for French.

History, eighteen semester-hours, including six each in American, ancient and medieval, and modern European history, and six semester-hours of economics or political science. It is recommended to prospective teachers of history and related subjects that they take elective work in sociology, geography, and at least a semester each in economics and political science.

Latin, eighteen semester-hours based on the traditional four units for admission.

Mathematics, fifteen semester-hours.

Music, thirty semester-hours.

Physical Education, twelve semester-hours.

Science, thirty semester-hours, including elementary courses in biology, chemistry, physics and geography or geology.

A student may prepare to teach only one high-school subject by taking a major of twenty-four semester-hours in that subject (physical education excepted) in addition to the general required work in Class A, the required work in education and psychology, and the specifically required work in directed observation and materials and methods in the subject chosen.

Elective work sufficient to complete the one hundred and twenty-two semester-hours for graduation. It is recommended that the elective work be chosen in the two subjects the student is preparing to teach and in the Division of Social Science, provided the total amount of work taken in any department may not exceed the total allowed in Group I.

Students who are preparing to teach are warned to read carefully the certification rules of the state in which they are going to teach and to advise fully with the Dean before electing courses in subjects they are preparing to teach. They are further warned to take their professional courses in the order outlined by the Department of Education, reserving for their Senior year courses in materials and methods and in directed observation and practice teaching.

At least fifteen semester-hours of the work in the Senior year must be in courses open only to Seniors or to Seniors and Graduates.

CLASS B: ELEMENTARY SCHOOL TEACHING

Students in this class conform to the general requirements of Group I. Education is treated as a major department, and the Social Science Division as the division of concentration. In addition to the general requirements of Group I, the following specific requirements must be met:

	S.H.
English	3 or 6
American History and Government	6 or 9
Geography	6
Physical Education and Hygiene.....	6

These special requirements are reckoned in each case as a part of the appropriate division of concentration. The student in Class B should take Education 8 in the first semester of his Freshman year and advise with the Department as to an appropriate course for the spring semester. In all other particulars his course follows the General Group for the first year.

The following arrangement of courses is recommended for Freshmen entering the Teaching Group. The work for the following years will be arranged by the Department of Education.

FRESHMAN YEAR

	S.H.
English	6
Foreign Language	6
Science	8
History or elective*	6
Education or elective**	6
	32

GROUP VII

PRE-LEGAL

This group is designed for students who expect to study law after graduation. The required work consists of the minimum uniform requirements*** and the courses specified below.

The following arrangement of specified courses is recommended:

- Freshman Year: Introductory Course in History (1-2 if taken in the Freshman year or 51-52 if taken thereafter).
- Sophomore Year: Economics 51-52, Political Science 61-62.
- Junior Year: Economics 143, History 105-106, Psychology 101, and either English 151 or 152.
- Senior Year: Six semester-hours of Economics from courses approved for Seniors.

* History is an alternate with economics or political science in the minimum requirements when the student presents two units of history for admission.

** Students in Class B should take Education 8 the first semester and follow it with the course approved by the Department of Education the second semester; students in Class A follow the same plan or take any of the electives authorized for the General Group.

*** When there is overlapping, the minimum uniform requirements are accepted as a part of the special requirements in this group.

The electives should be chosen largely from the work offered by the following departments: Philosophy, Sociology, Economics, History, Psychology, and Political Science. The total work (required and elective) in any one department may not exceed thirty semester-hours.

At least twelve semester-hours of the electives in the Senior year must be Senior-Graduate courses.

GROUP VIII

SOCIAL SERVICE

This group is designed for students who purpose after graduation to pursue professional studies in order to engage in practical social welfare work, such as family welfare, child welfare, public welfare, probation and parole, and similar forms of neighborhood and community work. The required work consists of the minimum uniform requirements and the courses specified below. Zoology is recommended for the required course in science.

The following arrangement of specified courses is recommended for students electing this group:

Freshman Year: History 1-2.

Sophomore Year: Economics 51-52, Sociology 91-92 or Sociology 101.

Junior Year: Philosophy (6 hours), Political Science (6 hours), Psychology 101, Sociology (6 hours).

Senior Year: Economics (6 hours), Psychology (6 hours), Sociology (6 hours).

The electives should be chosen mainly from history, economics, political science, education, sociology, philosophy, psychology, and religion.

The subjects required for the Junior and Senior years may be transposed according to the courses available in any particular year.

GROUP IX

HONORS

Purpose: Students who have revealed their desire and demonstrated their ability to do a type of intellectual work higher than that normally required for the liberal arts degree may apply to read for Honors during their last two college years. The aim of the Honors studies is to permit qualified undergraduates to attain a knowledge, both comprehensive and intensive, of a particular field, or fields, under conditions most stimulating to individual initiative and independence.

General Rules:

I. A student who has sixty-two semester-hours of work to his credit and who has completed the minimum requirements for graduation may apply to read for Honors. A departmental committee may, however, permit students to take as much as twelve hours of the minimum uniform requirements in the Junior and Senior years provided that these are

offset by the same number of hours in related subjects taken previously in courses not open primarily to Freshmen.

II. The Departmental Honors Program constitutes the work of the Honors student during the Junior and Senior years. This program shall be the equivalent of sixty semester-hours of work.

III. The minimum amount of work that may be taken in the major department shall be the equivalent of twenty-four semester-hours, and the maximum shall be the equivalent of thirty-six semester-hours.

IV. The related work, which constitutes at least two fifths of the Honors program, that is, the equivalent of twenty-four semester-hours, must be distributed among not less than two departments, unless the departmental committee gives special permission for the student to take his related work in one department.

Departmental Honors: Honors courses are available to qualified students in the following departments: Botany, Chemistry, Economics, Education, English, French, German, Greek, History, Mathematics, Physics, Psychology, Religion, and Zoology.

An undergraduate wishing to qualify for Departmental Honors usually enters the General Group during the Freshman year. At the close of the Sophomore year he may apply to read for Honors in a particular department. The requirements for admission to candidacy for Honors vary in the different departments. The student should consult the special requirements set forth in the "Departmental Honors Program." The Departmental Committee determines the eligibility of the various applicants for Honors reading within the department.

Students transferring from other institutions of approved standing at the close of the Sophomore year may be admitted to candidacy for Honors. Those wishing to read for Honors who expect to transfer at the close of the Sophomore year should communicate with Dean W. K. Greene, Chairman of the College Council on Honors, not later than April 15.

The work required of students in the Departmental Honors Group consists of (1) the minimum uniform requirements; (2) the program of Honors for the Junior and Senior years; and (3) elective work sufficient to complete the semester-hours necessary for graduation.

Study in a Department Honors course always includes work in regular open courses. In both Junior and Senior years it may, and usually does, also include work under special instruction (seminarial or tutorial) and assignments of independent reading.

All candidates who complete satisfactorily the minimum uniform requirements, a Departmental Honors course, and elective work sufficient to earn the necessary hours for graduation will be recommended by the Departmental Committee to the Dean of the College for graduation with Honors.

For brief outlines of the various plans for Departmental Honors the student should see the section, "Departmental Honors Program," among

the offerings of each department listed above. Students are also urged to consult the Honors Adviser of the department in which they are primarily interested. A list of these Advisers follows:

Botany: Miss Addoms
Chemistry: Mr. Vosburgh
Education: Mr. Holton
English: Mr. Irving
French: Mr. Webb
German: Mr. Vollmer
Greek: Mr. Pepler

History: Mr. Laprade
Mathematics: Mr. Elliott
Physics: Mr. Hatley
Psychology: Mr. Zener
Religion: Mr. Myers
Zoology: Mr. Johnson

REQUIREMENTS FOR THE DEGREE OF BACHELOR OF SCIENCE

The general regulations governing the requirements for the degree of Bachelor of Science are the same as those for the degree of Bachelor of Arts. Students selecting this group must complete the following course of study:

	S.H.
English 1-2	6
French and German (second college year)	12-24
Mathematics	6
Natural science	8
Economics, History, or Political Science	6
Religion	6
Major and related work	48
Free electives to make a total of.....	120

English 1-2, 6 s.h.—A Freshman who satisfies the Department of English of his superior ability in English composition may substitute another English course for English 1-2. Those found deficient in English composition on the placement tests must substitute English 1, 2 for English 3.

French and German.—Bachelor of Science candidates must complete at least the second college year, or equivalent as determined by examination, of both French and German.

Mathematics, 6 s.h.—A candidate for the Bachelor of Science degree must complete Mathematics 7 and 8 or Mathematics 7 and 50 or the equivalent. Mathematics 50 is recommended for students who plan to take Mathematics 51-52. Mathematics 8 is recommended for those who plan not to take Mathematics 51-52. Placement tests in algebra are administered to all entering students planning to take courses in mathematics. Students found deficient in algebra must substitute Mathematics 1 and 2 for Mathematics 7.

Natural Science, 8 s.h.—This requirement can be satisfied by courses in one of the natural sciences, namely, Botany, Chemistry, Geology, Physics, and Zoology. The courses must include laboratory work, and may not be counted as part of the major and related work.

Economics, History, or Political Science, 6 s.h.—A student who does not present for entrance two acceptable units of history (exclusive of other social work) must take a course in history; otherwise he has his choice of Economics, History, or Political Science. The courses that will satisfy this requirement are listed under "Courses of Instruction."

Religion, 6 s.h.—The courses that will satisfy the requirement in Religion are listed in this bulletin under "Courses of Instruction," page 129.

Major and Related Work, 48 s.h.—Major and related work consists of forty-eight semester-hours in the Division of Natural Sciences. This work must be selected from the Departments of Botany, Chemistry, Geology, Mathematics, Physics, Psychology, and Zoology. The major work consists of not less than twenty-four semester-hours in one department, the choice of courses

being subject to the approval of the department. The major work does not include courses primarily open to Freshmen. The related work is taken in at least two other departments and is selected subject to the approval of the major department. It may not include more than one course primarily open to Freshmen. A minimum of eight semester-hours of the total of forty-eight must be in laboratory science. Further information concerning the requirements for the major and related work in the various departments will be found under "Courses of Instruction."

Free Electives.—In addition to the above, the student must elect sufficient courses to complete, with an average grade of "C," the one hundred and twenty semester-hours necessary for graduation.

The total amount of work that a student, other than an Honors student, may take in any one department toward the Bachelor of Science degree is limited to a maximum of thirty-six semester-hours.

No Senior may take for credit any course primarily open to Freshmen; and no Junior may take for credit more than one course primarily open to Freshmen. A list of these courses is published under "Courses of Instruction," page 69.

Not more than one course of six or eight semester-hours of credit in final fulfillment of the requirements for the degree of Bachelor of Science in Duke University may be taken in another institution of approved standing, and this course must first be approved by the head of the department concerned and by the Dean.

On or before the date announced for the spring registration every Sophomore in this group should select his major department in the Division of Natural Sciences and arrange under the guidance of an instructor in the major department his program of studies for the following year. He should obtain the instructor's written approval of all courses selected in the division before submitting his program to the Dean for final action. In like manner, upperclassmen will check their courses in the division each year with representatives of their major department.

COMBINED ACADEMIC-PROFESSIONAL COURSES

The provision whereby a Senior may elect the work of the first year in a professional school of the University shall apply solely to eligible students in Trinity College or the Woman's College. The privilege of completing a combined course for the degree is conditioned upon admission to the professional school at the close of the Junior year. A student thus admitted registers as a Senior in the College and as a first-year student in the professional school.

ACADEMIC-LAW COMBINATION

A student who has completed, with an average grade of "C" or higher, ninety-two semester-hours of undergraduate work, including the minimum uniform requirements for the degree of Bachelor of Arts and the work of the Junior year in the division of concentration may, with the approval of the Dean of the College, transfer to that school and be eligible for the degree of Bachelor of Arts from Duke University upon the satisfactory completion therein of the work of the first year.

It is understood that this provision shall apply solely to eligible Duke University undergraduates, and that not less than the full first-year's work of the Law School will be acceptable for credit towards the bachelor's degree.

No single discipline or program of study can be described as the best preparation for the study of law. There are various methods of approach to legal study and students differ with respect to the undergraduate studies by which they profit most in preparing themselves for law school.

Completion of the undergraduate work necessary to qualify for the Academic-Law Combination does not ensure admission to the Duke University School of Law, nor impose any restriction whatever upon its freedom in selecting students for admission.

The student who does not desire to avail himself of the Academic-Law Combination above set forth may, nevertheless, enter the Law School when he has satisfactorily completed two* years of academic study and has met the other entrance requirements of that school.

Students wishing information concerning admission to the School of Law are invited to consult with the Dean of that school.

ACADEMIC-FORESTRY COMBINATION

A student who has completed with an average grade of "C" or higher the program of study given below may, with the approval of the Dean of the College, transfer to that school and be eligible for the degree of Bachelor of Science from Duke University upon the satisfactory comple-

* Admission after two years of college work is granted during the period of the war.

tion of one year's work. It is understood that this provision shall apply solely to eligible Duke University undergraduates. The professional degree of Master of Forestry may be obtained on the satisfactory completion of an additional year in the School of Forestry.

The program of studies in preparation for admission to the School of Forestry is divided into four parts: (1) a group of studies required of all students; (2) courses required in a selected division of concentration; (3) additional elective courses sufficient to make a total of at least 92 semester-hours of credit; and (4) summer field work in surveying and forest mensuration as described below.

The studies required of all students, of which the first four, together with six semester-hours of a language, should ordinarily be taken in the Freshman year, are as follows:

	S.H.
Botany 1-2	8
Chemistry 1-2	8
English 3-4	6
Engineering Drawing 1-2	4
Modern Foreign Language*	12-18
Mathematics 7-8	6
Physics 1-2	8
Economics 51-52	6
Geology 51	4

At the end of the Freshman year each student shall select a division of concentration. One of the following programs of concentration is recommended.

Botany. Botany 52, 151, 156, one additional course in Botany, and Zoology 1.

Chemistry. Chemistry 61, 70, and 151-152; and Botany 151.

Economics. Economics 57-58, two additional semester courses in economics, and Political Science 61-62.

A student who does not select one of the above programs must complete the work of the Junior year in a division of concentration.

Summer field work is required of all students in the School of Forestry. This program of 12 weeks, preferably to be taken upon completion of the Junior year, includes Civil Engineering S110 (Plane Surveying), 3 s.h.; Forestry S150 (Forest Surveying), 5 s.h.; and Forestry S151 (Forest Mensuration), 4 s.h.

Completion of the first three years of work toward the Bachelor of Science degree does not insure admission to the Duke University School of Forestry, nor impose any restriction whatever upon its freedom in selecting students for admission.

Students wishing information concerning admission to the School of Forestry are invited to consult with the Dean of that School.

* The requirement is the same as for the Degree of Bachelor of Science, except that Spanish may be substituted for French.

COURSES OF INSTRUCTION, TRINITY COLLEGE AND THE WOMAN'S COLLEGE

Note: Courses primarily for Freshmen are numbered from 1 to 49; those primarily for Sophomores are numbered from 50 to 99; those primarily for Juniors and Seniors from 100 to 199; those primarily for Seniors and Graduates from 200 to 299. The amount of credit for each course is given in semester-hours following the description of the course.

The designation (w) or (E) indicates that the course is to be given on the West Campus or on the East Campus. The designation E means Engineering; L, Law; DS, Divinity School. When this designation precedes a course number, the course is not approved for graduate credit.

Odd-numbered courses are offered in the fall semester, and even-numbered courses are offered in the spring semester. Double numbers indicate that the course is a year course and must normally be continued throughout the year if credit is received. A student must secure written permission from the instructor in order to receive credit for either semester of a year course.

COURSES OPEN PRIMARILY TO FRESHMEN

Botany 1-2	Latin 1-2-3, 4, 15, 16, 41, 42
Chemistry 1-2	Mathematics 1, 2, 3-4, 7, 8, 9-10, 15
Economics 11	Music 11-12
Education 4, 8	Philosophy 48
English 1-2	Physics 1-2
Fine Arts 1-2	Political Science 21-22
French 1-2, 3-4	Religion 1-2
German 1-2, 3-4	Spanish 1-2, 3-4
Greek 15	Zoology 1-2
History 1-2	

BOTANY

PROFESSOR BLOMQUIST, CHAIRMAN; ASSISTANT PROFESSOR OOSTING, DIRECTOR OF UNDERGRADUATE STUDIES; DR. ANDERSON, SUPERVISOR OF FRESHMAN INSTRUCTION; ASSOCIATE PROFESSOR ADDOMS, SUPERVISOR OF FRESHMAN INSTRUCTION (WOMAN'S COLLEGE); PROFESSOR WOLF; ASSOCIATE PROFESSORS HARRAR AND KRAMER; ASSISTANT PROFESSOR PERRY; AND ASSISTANTS

1. **General Botany.**—An introduction to the structure and life-processes of seed plants and the environmental factors influencing their distribution. Laboratory, discussions, and field trips. Three two-hour periods. 4 s.h. (w & E) STAFF

2. **General Botany.**—A survey of the plant kingdom with emphasis on reproduction, and an introduction to identification. Three two-hour periods. Prerequisite: Botany 1. 4 s.h. (w and E). STAFF

51. **Culture and Propagation of Plants.**—Experimental studies of the processes involved in growth, and the application of this knowledge to the selection, growth, and propagation of plants. Prerequisite: one year of botany. 4 s.h. (E). ASSOCIATE PROFESSOR ADDOMS

52. **Plant Identification.**—Practice in the identification of local plants, especially flowering plants, and a study of the principles and rules underlying plant classification. Laboratory, lectures, and field trips. Prerequisite: one year of botany. 4 s.h. (w). PROFESSOR BLOMQUIST

55. **Morphology and Anatomy of Vascular Plants.**—A comparative study of representative ferns and seed plants, including vegetative and reproductive structures. Prerequisite: one year of botany. 4 s.h. (w).

ASSISTANT PROFESSOR OOSTING

101. **Principles of Heredity.**—The basic principles of heredity and their significance. Lectures, three hours; laboratory, two hours; conference (attendance optional), one hour. Laboratory work includes experimental breeding of the fruit fly. May be taken as a lecture course without laboratory. Prerequisite: one course in biology, botany, or zoology. High-school or college algebra recommended. 3 or 4 s.h. (w).

ASSISTANT PROFESSOR PERRY

103. **General Bacteriology.**—Prerequisite: one year of botany or zoology, or equivalent. 4 s.h. (w) first semester and (E) second semester.

PROFESSOR WOLF

104. **The Structure and Identification of Lower Plants.**—A study of representative examples of the more important groups of algae, fungi, mosses and liverworts, including collection, identification and classification of common forms. Offered in alternate years. Prerequisite: one year of botany. 4 s.h. (w).

DR. ANDERSON

151. **Introductory Plant Physiology.**—The principal physiological processes of plants, including water relations, synthesis and use of foods, and growth phenomena. Prerequisite: Botany 1, 2, or equivalent; one year of chemistry recommended. 4 s.h. (w).

ASSOCIATE PROFESSOR KRAMER

156. **Plant Ecology.**—The principal factors affecting plants and plant communities as they exist in different environments. Laboratory, lectures, and field trips. Prerequisites: Botany 1, 2, and 52, or equivalent. 4 s.h. (w).

ASSISTANT PROFESSOR OOSTING

202. **Genetics.**—The principles of heredity, their cytological basis, and their bearing on other fields of biology. Laboratory work involves experimental breeding of the fruit fly and interpretation of data from the breeding of plants. Offered in alternate years. Prerequisites: one year of botany or zoology, or equivalent, and college algebra. 4 s.h. (w).

ASSISTANT PROFESSOR PERRY

203. **Plant Cytology.**—A study of the structure and organization of plant cells in relation to growth, reproduction, and especially heredity. Offered in alternate years. Prerequisite: one year of botany. 4 s.h. (w).

DR. ANDERSON

204. **Advanced Plant Anatomy.**—The structure of vegetative and reproductive organs of seed plants, including a consideration of seedling anatomy. Specific reference is made to plants of economic importance. Offered in alternate years. Prerequisite: Botany 55 or equivalent. 4 s.h. (w).

[Not offered in 1942-43]

ASSOCIATE PROFESSOR ADDOMS

216. **Botanical Microtechnique.**—Studies in methods of preparing temporary and permanent microscopical slides; theory of staining; the use of the microscope, especially microscopical measurements; drawing, and photomicrography, botanical photography, and lantern slides. Prerequisite: two semesters of botany. 4 s.h. (w).

DR. ANDERSON

[Not offered in 1942-43]

221. **Structure and Classification of Fungi.**—Prerequisite: two semesters of botany. 4 s.h. (w).

PROFESSOR WOLF

225-226. **Special Problems.**—Students with adequate training may do special work in the following fields:

- a. Bacteriology, Mycology, and Plant Pathology. PROFESSOR WOLF
 b. Cytology. DR. ANDERSON
 c. Ecology. ASSISTANT PROFESSOR OOSTING
 d. Genetics. ASSISTANT PROFESSOR PERRY
 e. Morphology and Anatomy of Higher Groups.
 ASSOCIATE PROFESSORS ADDOMS AND HARRAR;
 ASSISTANT PROFESSOR OOSTING
 f. Morphology and Taxonomy of Lower Groups.
 PROFESSOR BLOMQUIST AND DR. ANDERSON
 g. Physiology. ASSOCIATE PROFESSORS ADDOMS AND KRAMER
 h. Plant Microchemistry. ASSOCIATE PROFESSOR ADDOMS
 i. Taxonomy of Higher Groups. PROFESSOR BLOMQUIST

252. **Advanced Plant Physiology.**—The physicochemical processes and conditions underlying the physiological processes of plants. Prerequisite: Botany 151 or equivalent; organic chemistry recommended. 4 s.h. (w).

[Not offered 1942-43] ASSOCIATE PROFESSOR KRAMER

255. **Advanced Taxonomy.**—A study of the historical background of plant taxonomy, modern concepts and systems of classification, nomenclatorial problems and the taxonomy of specialized groups. Prerequisite: two years of botany, including Botany 52, or equivalent. 4 s.h. (w).

PROFESSOR BLOMQUIST

256. **Field Ecology.**—An ecological survey of local vegetation, including theory and practice in the use of instruments for precise habitat studies, and analysis of community and successional relationships. Offered in alternate years. Prerequisites: Botany 1, 2, and 52, or equivalent. 4 s.h. (w).

ASSISTANT PROFESSOR OOSTING

FOREST BOTANY

224. **Forest Pathology.**—Special reference to diseases of forest trees. Prerequisites: Botany 1, 2. 3 or 4 s.h. (w).

PROFESSOR WOLF

253-254. **Dendrology.**—Nomenclature, classification, and identification of woody plants with special reference to species indigenous to southeastern United States and other important forest regions of temperate North America. Laboratory and field work. Prerequisite: one year of botany. 4 s.h. (w).

ASSOCIATE PROFESSOR HARRAR

Related courses which may be counted toward a major in Botany. Zoology

110. Introduction to Genetics. 2 s.h. (w).

DR. JOHNSON

DEPARTMENTAL MAJOR

Prerequisites: Botany 1 and 2.

Major Requirements: A minimum of twenty hours of work including courses 52, 55, and 104. The remaining hours may be selected from any other courses in the Department for which the student is eligible, subject to the approval of the Departmental Adviser.

DEPARTMENTAL HONORS PROGRAM

I. *Prerequisites:* Botany 1-2. A year course in each of three other sciences acceptable to the Departmental Committee. Some of these may be taken concurrently with the Honors work.

II. *Honors Work:*

a. Botany.

1. Scheduled courses. At least 5 courses (18-20 semester hours) beyond Botany 1-2.

2. Reading Courses and Problems, chiefly in the Senior year. Nine semester hours. In addition to scheduled courses, each Honors student will take reading courses in such fields as History of Botany and Theories of Biology; or he may take reading courses in special fields; or he may undertake a special problem; or he may carry on both reading and a problem. This work will count as nine semester hours and will extend through a year at least. The student will report to his Adviser regularly for conference on this work. He may be asked to prepare written reports on the reading courses, and he must make a report on his problem.

b. Philosophy—6 semester hours.

c. Electives in Botany or in other departments, subject to the approval of the Departmental Committee.

III. *General Honors Examination*: In the spring semester of the Senior year, each student must pass a general examination on the entire field of his Honors work. The Examining Committee consists of the Departmental Committee and such Advisers as have been concerned with his Honors work. The student must present a written report upon his problem and such written reports upon his reading as may be required, before he is permitted to take the general examination.

CHEMISTRY

PROFESSOR GROSS, CHAIRMAN; PROFESSOR VOSBURGH, DIRECTOR OF UNDERGRADUATE STUDIES; ASSISTANT PROFESSOR HILL, SUPERVISOR OF FRESHMAN INSTRUCTION; PROFESSORS BIGELOW, LONDON, AND WILSON; ASSOCIATE PROFESSOR HAUSER; ASSISTANT PROFESSORS BROWN AND SAYLOR; DRs. BRADSHER AND HOBBS; MR. AYRES; AND ASSISTANTS

1-2. *General Inorganic Chemistry*.—Lectures, recitations, and laboratory work on the elementary principles of chemistry and on the occurrence, preparation, properties, and uses of the elements and their compounds. It is desirable, though not required, that students taking this course shall have taken elementary physics either in high school or in college. One lecture, two recitations, and three laboratory hours, throughout the year. 8 s.h. (W & E) ASSISTANT PROFESSOR HILL WITH PROFESSOR WILSON; ASSISTANT PROFESSORS BROWN AND SAYLOR; DRs. BRADSHER AND HOBBS; MR. AYRES; AND ASSISTANTS

3-4. *General Inorganic Chemistry*.—A shorter course than Chemistry 1-2 in the elementary principles of chemistry. Two recitations and three laboratory hours. 6 s.h. (W)

ASSISTANT PROFESSOR HILL WITH PROFESSOR WILSON; ASSISTANT PROFESSOR SAYLOR; DRs. BRADSHER AND HOBBS; AND ASSISTANTS

61. *Qualitative Analysis*.—A study of the reactions of electrolytes in solution as applied to the qualitative analysis of mixtures of inorganic compounds. One lecture, one recitation, and six laboratory hours. Prerequisites: Chemistry 1-2 or 3-4 and algebra. 4 s.h. (W)

PROFESSOR VOSBURGH; ASSISTANT PROFESSOR SAYLOR; DR. HOBBS; AND ASSISTANTS

70. *Quantitative Analysis*.—A study of the theory and technique of inorganic gravimetric and volumetric analysis. One lecture, one recitation, and six laboratory hours. Prerequisite: Chemistry 61. Analytic geometry and college physics are desirable but not required. 4 s.h. (W)

PROFESSOR VOSBURGH; ASSISTANT PROFESSOR SAYLOR; DR. HOBBS; AND ASSISTANTS

63-74. Analytical Chemistry.—Theory of analytical chemistry with special emphasis on theory of solutions. One lecture, one recitation and three laboratory hours. Prerequisites: Chemistry 1-2 or 3-4 and Mathematics 7-8; the latter may be taken concurrently. 6 s.h. (w)

PROFESSOR VOSBURGH; ASSISTANT PROFESSOR SAYLOR;
DR. HOBBS; AND ASSISTANTS

131-132. Advanced Quantitative Analysis.—Laboratory exercises in the quantitative analysis of complex materials and in physicochemical measurements such as potentiometric titration, pH measurements, photometric methods of analysis, and other instrumental methods. Six laboratory hours. Prerequisites: Chemistry 70 and Physics 51-52 or equivalent. 4 s.h. (w)

PROFESSOR VOSBURGH AND ASSISTANT PROFESSOR SAYLOR

151-152. Organic Chemistry.—An introduction to the study of the compounds of carbon. Both the aliphatic and the aromatic series are dealt with, and the lectures are illustrated by selected laboratory experiments. Two lectures, one recitation and three laboratory hours. Prerequisites: Chemistry 61 and 70. Course 151 is prerequisite for 152. 8 s.h. (w)

PROFESSOR BIGELOW; ASSOCIATE PROFESSOR HAUSER; ASSISTANT
PROFESSOR BROWN; DR. BRADSHER; AND ASSISTANTS

153-154. Intermediate Chemistry Laboratory.—Special laboratory exercises of a more advanced nature than given in courses 70 and 151-152. Required of candidates for Honors in chemistry and open to others with special permission of the Department. 2 or 4 s.h. (w)

PROFESSOR BIGELOW AND OTHER MEMBERS OF THE STAFF

155-156. Organic Chemistry.—A shorter introduction to the compounds of carbon than Chemistry 151-152. Two lectures or recitations and three laboratory hours. Prerequisites: Chemistry 61 and 70 or 63-74. 6 s.h. (w)

PROFESSOR BIGELOW; ASSOCIATE PROFESSOR HAUSER; ASSISTANT
PROFESSOR BROWN; DR. BRADSHER; AND ASSISTANTS

173-174. Honors Seminar.—One hour a week discussion based on assigned reading. Required of all candidates for Honors in chemistry in both Junior and Senior years. 2 s.h. (w)

PROFESSOR VOSBURGH

215-216. Advanced Inorganic Chemistry.—A study of modern theories of valence and molecular structure; also of inorganic compounds, particularly the less common types, the colloidal state of matter and the phase rule, illustrated by suitable laboratory preparations. Prerequisites: Chemistry 70 and 151-152. Chemistry 261-262, Physics 59-60 or 213-214 and ability to read German are desirable. 6 s.h. (w)

PROFESSOR VOSBURGH AND ASSISTANT PROFESSOR HILL

[Not offered in 1942-43]

Chemistry 233-234. Instrumental Analysis.—Experiments in the use of various physical measuring instruments in chemical analysis. Three laboratory hours. Prerequisites: Chemistry 70 and 261-262. 2 s.h. (w)

PROFESSOR VOSBURGH AND ASSISTANT PROFESSOR SAYLOR

Chemistry 236. Theory of Analytical Chemistry.—A study of such topics as precision and errors, theories of precipitation and titration, oxidation and reduction and others, illustrated by typical analytical methods, including some physicochemical methods. One lecture. Prerequisites: Chemistry 70 and 261-262. 1 s.h. (w)

PROFESSOR VOSBURGH

241. Physiological Chemistry.—A study of the chemistry of human physiology. Clinical aspects of the subject are treated with reference to the need of prospective medical students. Two recitations and six laboratory hours. Prerequisites: Chemistry 70 and 151-152. Course 261-262 is desirable though not required. 4 s.h. (w)

PROFESSOR WILSON AND ASSISTANT

242. Metabolism.—Open to students who have completed course 241 or its equivalent, and who have a reading knowledge of German. Lectures and collateral reading deal with the probable fate of foodstuffs in the body, the nitrogen balance, energy requirement, nutritive ratios, vital factors, and ductless glands. The laboratory work consists mainly of blood analysis under both normal and pathological conditions. The laboratory or lectures may be taken separately. Two lectures, credit 2 s.h., and 6 laboratory hours, credit 2 s.h. 4 s.h. (w)
 PROFESSOR WILSON AND ASSISTANT

253-254. Advanced Organic Chemistry.—A continuation of Chemistry 151-152, including discussion of the theories of organic chemistry. The laboratory work will include qualitative organic analysis, together with preparations of the more difficult type, requiring reference to the original literature. Two lectures and 3 or 6 laboratory hours. Prerequisites: Chemistry 151-152 or equivalent and a reading knowledge of German. 6 or 8 s.h. (w)

PROFESSOR BIGELOW; ASSOCIATE PROFESSOR HAUSER; AND
 ASSISTANT PROFESSOR BROWN

261-262. Physical Chemistry.—Fundamentals of general theoretical chemistry illustrated by selected laboratory experiments. Two recitations and three laboratory hours. Prerequisites: Chemistry 70, 151-152, Physics 1-2 or equivalent. Mathematics 8 or 51-52 is required except by special permission of the Department. In exceptional cases, and with the permission of the Department, graduate students may offer other advanced science courses in place of some of these prerequisites. Undergraduates are admitted to this course only by permission of the Director of Undergraduate Studies. 6 s.h. (w)

PROFESSOR GROSS, ASSISTANT PROFESSOR SAYLOR, AND DR. HOBBS

265-266. Chemical Physics. Statistical Theory, Principles and Applications.—General introduction to statistical methods and applications to chemical problems; solution theory, reaction velocity, changes of state, quantum statistics and the metallic state. Undergraduates are admitted to this course only by permission of the Director of Undergraduate Studies. Lectures, conferences and assigned problems. 8 s.h. (w)

PROFESSOR LONDON

267-268. Chemical Physics. Theoretical Aspects of Atomic and Molecular Structure.—Theories of the chemical bond; atomic and molecular forces. Undergraduates are admitted to this course only by permission of the Director of Undergraduate Studies. Lectures, conferences and assigned problems. 8 s.h. (w)

PROFESSOR LONDON

271. Introduction to Research.—Lectures on the use of chemical literature, research methods, recording and publication of results, preparation of theses and other topics. One lecture. 1 s.h. (w)

[Not offered in 1942-43] PROFESSORS BIGELOW, GROSS AND VOSBURGH

273-274. Seminar.—Required of all graduate students in chemistry. One hour a week discussion. 2 s.h. (w)

PROFESSORS BIGELOW, GROSS AND VOSBURGH; ASSOCIATE PROFESSOR
 HAUSER; ASSISTANT PROFESSORS BROWN, HILL AND SAYLOR;
 DRs. BRADSHER AND HOBBS

275-276. Research.—The aim of this course is to give instruction in methods used in the investigation of original problems. It is open to Seniors who have had courses 70, 151-152, and who are taking 261-262. Nine hours a week and conferences. 3 or 6 s.h. (w)

PROFESSORS BIGELOW, GROSS, LONDON, VOSBURGH AND WILSON;
 ASSOCIATE PROFESSOR HAUSER; ASSISTANT PROFESSORS
 BROWN, HILL AND SAYLOR; DRs. BRADSHER AND HOBBS

DEPARTMENTAL MAJOR

A. For the degree of A.B.

Prerequisites: Chemistry 1-2, Mathematics 7-8 (or equivalent).

Major Requirements: Chemistry 61-70, 151-152 and 261-262. With the permission of the Department other chemistry courses giving a total of not less than 6 s.h. credit may be substituted for Chemistry 261-262.

B. For the degree of B.S.

Prerequisites: Chemistry 1-2, Mathematics 7-50 (or equivalent).

Major Requirements: Chemistry 61-70, 131-132, 151-152, 153-154, 261-262. The required work in the Science Division must include Mathematics 51-52 and Physics 51-52 (or equivalent).

DEPARTMENTAL HONORS PROGRAM

Prerequisites: Chemistry 61-70; Mathematics, 6 s.h., and Physics 51-52 or equivalent.

Honors Program: Chemistry 131-132, 151-152, 153-154, 173-174, 261-262, and 275-276; Mathematics through integral calculus; Physics, Botany, Geology, or Zoology, 6 s.h.; electives, subject to the approval of the Departmental Honors Committee, 20 s.h. (or enough to satisfy the requirements for graduation).

Chemistry 153-154 is a special laboratory course in which there is individual attention to and supervision of the work of each student.

Chemistry 173-174 is a seminar primarily for Honors students of both Junior and Senior years. The purpose is to give practice in the use of chemical literature and the oral presentation of assigned topics.

In Chemistry 275-276 an experimental research project is carried out under the direction of a member of the Staff, the object being to gain acquaintance with the aims and methods of research. A written report on the research is required.

A general examination in chemistry is given at the end of both Junior and Senior years.

ECONOMICS AND BUSINESS ADMINISTRATION

PROFESSOR HOOVER, CHAIRMAN; ASSOCIATE PROFESSOR DE VYVER, DIRECTOR OF UNDERGRADUATE STUDIES; PROFESSORS HAMILTON, SPENGLER AND VON BECKERATH; ASSOCIATE PROFESSORS BLACK AND RATCHFORD; ASSISTANT PROFESSORS DELAPLANE, EITEMAN, HON, LONDON, LEMERT, LESTER, SHIELDS, R. S. SMITH, SPRINGER, AND WELFLING; DRs. BERRY AND KEECH; MESSRS. ALLEN, HENRICKSEN (PART-TIME), SILK (PART-TIME), W. J. J. SMITH (PART-TIME), AND VAN VOORHIS

The Department offers instruction in general economics, business administration, and accounting. The general course in economics affords a survey of the whole field of economic thought and lays the foundation for specialized study in various branches of the subject. Advanced courses are offered in theoretical and applied economics.

A special group of studies is provided for candidates for the Bachelor of Arts degree who are definitely looking forward to a business career at the conclusion of their college course. While this group is mainly composed of liberal rather than technical studies, it gives opportunity in the Junior and Senior years for specialized study in such subjects as money and banking, public and corporation finance, investments, railroad and water transportation, economic geography, marketing, insurance, industrial management, accounting, and business statistics.

ECONOMICS

51-52. Principles of Economics.—6 s.h. (E & W)

PROFESSOR SPENGLER; ASSISTANT PROFESSORS DELAPLANE, EITEMAN,
LONDON, LESTER, R. S. SMITH AND WELFLING; DR. BERRY;
MESSRS. ALLEN, SILK, AND W. J. J. SMITH

This course must be passed by all students planning to elect further courses in Economics and Business Administration.

One section of Economics 51 will be offered during the spring semester and one section of Economics 52 will be offered during the fall semester.

103. Transportation.—Essential features, problems, and competitive positions of rail, highway, air, and inland-water transportation, with most emphasis on rail transportation. Special attention is given to the economic significance of transportation, and to cost factors, rates and their economic effects and regulation. 3 s.h. (W)
ASSISTANT PROFESSOR LONDON

107. Conservation.—A study of the extent and distribution of our natural resources and their service in regional and national development. Emphasis will be placed upon both the natural and human factors involved in the genesis of current problems. Term reports dealing with problems of special interest to those participating will be considered. 3 s.h. (W)
[Not offered in 1942-43] ASSISTANT PROFESSOR LEMERT

138. Business Statistics.—A course in elementary statistics designed principally for students of economics and business administration. The material is also of interest to those specializing in engineering, forestry, political science, and sociology. The course deals with collection of statistical data, construction of statistical tables and charts, and a brief study of the fundamental statistical techniques. Offered both semesters. 3 s.h. (W)
ASSISTANT PROFESSORS SPRINGER AND SMITH

Open to Juniors, and to Sophomores in the second semester. Not open to Seniors except with the permission of the Director of Undergraduate Studies.

No credit is given for this course to a student who takes Mathematics 74.

[Note: The attention of students who are taking, or who propose to take, courses 143, 144, or 158 is called to Mathematics 71, "Mathematics of Investment." This course is recommended as an elective for Sophomores or Juniors.]

139. Advanced Business Statistics.—This course is designed for students who wish more thorough preparation in statistics, either for use in business or to meet civil service requirements. Special emphasis is placed on index numbers, time series analysis, and correlation methods. Prerequisite: Economics 138 or the equivalent. 3 s.h. (W)

ASSISTANT PROFESSORS SPRINGER AND SMITH

143. Corporation Finance.—Principles and problems in the financial organization of corporations; the study of corporate securities, the management of capital, the distribution of earnings; industrial combinations; insolvency and reorganization. Offered both semesters. 3 s.h. (W)

ASSISTANT PROFESSORS DELAPLANE, EITEMAN, HON, AND SMITH

Though not a prerequisite, Economics 57-58, Principles of Accounting, is recommended to students electing this course.

Special sections of Corporation Finance will be offered for students who have had Economics 57-58.

144. Investments.—A study of the role which the security markets play in American economic life. Attention is devoted to the various types of securities, to the mechanics of their purchase and sale, to the factors which

affect and determine their market prices, and to the relationship of stock speculation to the banking system and to general prosperity. Prerequisite: Economics 57-58 and 143. 3 s.h. (w)

ASSISTANT PROFESSORS EITEMAN, HON, AND DELAPLANE

153-154. Money, Banking, and Credit.—After a preliminary study of monetary history and theory, together with an account of the development of credit instruments, there follows a more extended presentation of the theory and practice of banking. 6 s.h. (w)

ASSOCIATE PROFESSOR RATCHFORD, ASSISTANT PROFESSORS HON, LESTER, AND WELFLING

169. Economics of Consumption.—Economic problems of the family. Factors determining choice; commercial and legal standards for consumers' goods; consumer credit and co-operation; income and standards of living. 3 s.h. (E)

ASSISTANT PROFESSOR SMITH

187. Public Finance.—This course deals with public expenditures, public revenues, public debts, and financial administration. 3 s.h. (w)

ASSOCIATE PROFESSOR RATCHFORD

217. Population, Resources, and Standards of Living.—A critical survey of the economic laws of returns and of pre- and post-Malthusian population theory; consideration of the relation between natural increase and the laws of economic distribution and of the effects of changes in the rate of natural increase upon various classes of industry and upon employment; examination of the factors which govern population growth and of current population trends; analysis of international economic and political problems which are founded upon population pressure; consideration of the economic and the biological aspects of differential birth-rates. 3 s.h. (w)

PROFESSOR SPENGLER

218. Business Cycles.—Description and analysis of the causes and consequences of economic rhythms and movements of various lengths (e.g., seasonal, cyclical, long-period, etc.). Analysis of methods proposed as means of curtailing such movements, or of mitigating their effects. 3 s.h. (w)

ASSISTANT PROFESSORS LESTER AND WELFLING

230. Public Debts in the United States.—A study of the characteristics of public credit as shown by the experience of national, state, and local governments in the United States. Topics considered include: forms, methods, and purposes of borrowing; effects of the contraction and repayment of debts on governmental fiscal policies, the banking and credit system, and business activity; methods of controlling or limiting debts; refunding and adjustment procedures; defaults and repudiations. Prerequisite: Economics 187 or equivalent. 3 s.h. (w)

ASSOCIATE PROFESSOR RATCHFORD

[Not offered in 1942-43]

231. The Economic History of Modern Europe.—A study of the economic development of Europe since the sixteenth century to the present, treating such topics as the guilds, mercantilism, money, banking, crises, the industrial revolution, the interrelationships of government and business, and the economic consequences of war. The historical backgrounds of present economic problems will be emphasized. 3 s.h. (w)

PROFESSOR HAMILTON

232. The Economic History of the United States.—A study of the agricultural, industrial, commercial, and financial progress of the United States from Colonial times to the present day. Special attention will be devoted to mass production, business cycles, great fortunes, and the relationships between government and business. 3 s.h. (w)

PROFESSOR HAMILTON

233. **State and Local Finance.**—A study of expenditures, taxation, and financial administration in state and local governments with emphasis on current problems. Special attention will be given to research methods and materials and to the financial relations between state and local governments. Prerequisite: Economics 187 or equivalent. 3 s.h. (w)

ASSOCIATE PROFESSOR RATCHFORD

234. **Federal Finance.**—A study of the expenditures, revenues, and financial administration of the government of the United States, with emphasis on current problems. Special attention given to budgetary procedure, corporate and individual income taxes, and the financial relations between federal and state governments. Prerequisite: Economics 187 or equivalent. 3 s.h. (w)

ASSOCIATE PROFESSOR RATCHFORD

237-238. **Statistical Methods.**—A study of statistical methods appropriate for dealing with problems in business and the social sciences. In addition to developing more thoroughly the subjects considered in *Business Statistics*, the following methods will be considered: simple, multiple, partial, and curvilinear correlation; curve fitting; probability; frequency distributions; and reliability of estimates. Prerequisite: Economics 138 or consent of the instructor. 6 s.h. (w)

ASSISTANT PROFESSOR SPRINGER

239. **Prices.**—A theoretical and historical study of the forces governing commodity prices and wages. In 1942-43 special attention will be devoted to the control of wartime inflation and postwar deflation. 3 s.h. (w)

PROFESSOR HAMILTON

241-242. **Value and Distribution.**—This course is a critical survey of the leading contemporary explanations of price formation and of the determination of interest, rent, wages, and profits. 6 s.h. (w)

PROFESSOR SPENGLER

245. **Problems of Modern Industrialism.**—This course first surveys technological efficiency and market organization as limiting factors in the determination by industrial management of the rational requirements of plant organization. External political and social forces are then introduced into the complex to show modern industrialism as a phase of mature capitalism. Against the background of modern capitalism, the issue and trends of public policy with respect to economic organization in America and Europe are compared and appraised. 3 s.h. (w)

PROFESSOR VON BECKERATH

253. **Labor Problems.**—An examination of present-day labor problems followed by an intensive study of methods used by employers and workers in meeting those problems. 3 s.h. (w)

ASSOCIATE PROFESSOR DE VYVER

256. **Labor Legislation.**—A study of the relations of the state to labor problems with special reference to remedial legislation, and to interference in labor disputes. Prerequisite: Economics 253, or with the consent of the instructor. 3 s.h. (w)

ASSOCIATE PROFESSOR DE VYVER

[Not offered in 1942-43]

260. **Social Insurance.**—A consideration of the economic and social problems involved in workmen's compensation laws, unemployment insurance, old-age pensions, and health insurance for workers. Particular attention will be given to the present federal and state social security legislation. 3 s.h. (w)

ASSOCIATE PROFESSOR DE VYVER

265. **International Trade and Tariff Policies.**—An analysis of the theoretical principles underlying international trade with an historical study of the foreign trade and tariff policies of the United States, France, Germany, and England from the eighteenth century to the present. 3 s.h. (w)

PROFESSOR VON BECKERATH

266. International Finance.—A study of the mechanism of international payment with attention to international movements of capital, the peculiarities of an inconvertible paper money regime, maldistribution of gold, and related problems. 3 s.h. (w) PROFESSOR HAMILTON
[Not offered in 1942-43]

268. Competitive Versus Monopolistic Enterprise.—(1) Competition as an economic order; (2) competition as a political order; (3) monopoly as a disturbance of (1) and of (2). (4) What can government do for the maintenance of the competitive order? (5) What can the judiciary do for the maintenance of the competitive order? (6) What can business do for the maintenance of the competitive order? (7) Limits and difficulties of a liberal solution. (8) Short discussion of different types of compromise solutions, both in the governmental and the economic field. (9) The effects of war on competition and private enterprise. 3 s.h. (w) PROFESSOR VON BECKERATH

270. Economics of War.—A study of the economic causes of war; the economic problems of neutrals; transition from a peace to a war economy; the cost of war and national defense; war finance through taxes, loans, and inflation; price and wage controls; rationing and priorities; the allocation of labor and resources; restrictions on shipping and exchange; the technique and results of economic warfare; war and technology; demobilization and unemployment; the return to a peace economy; debts, reparations, and indemnities; and postwar depressions. 3 s.h. (w)

PROFESSORS HAMILTON AND VON BECKERATH

280. Advanced Economic Problems.—This course is designed to afford students an opportunity to integrate the economic principles which they have acquired in specialized courses, through the application of these principles to current economic problems. Offered both semesters. 3 s.h. (w)

ASSISTANT PROFESSOR WELFLING; ASSOCIATE PROFESSOR RATCHFORD; MR. ALLEN

Required of all Seniors majoring in Economics and open with permission to Seniors in the Business Administration Group.

BUSINESS ADMINISTRATION

A. ACCOUNTANCY

57-58. Principles of Accounting.—Elementary principles of single proprietorship, partnership, and corporation accounting. Supervised laboratory periods will be assigned. 6 s.h. (w)

ASSOCIATE PROFESSOR DE VYVER; DR. KEECH; MR. VAN VOORHIS

171-172. Advanced Accounting.—Advanced accounting theory and practice applied to the managerial problems of valuation and operation in corporations, consolidations, mergers, and liquidations. Open to students who have completed Accounting 57-58. 6 s.h. (w) ASSISTANT PROFESSOR SHIELDS

173-174. Auditing, Theory and Practice.—This course prepares the manager to investigate the operation of his own business, the prospective investor to determine the value of the proposition, the student to practice the public accounting profession. The first semester deals with detail and balance sheet audits and the second semester with special investigations. Problems, working papers and reports. Prerequisite: Economics 171-172, and permission of the instructor. 6 s.h. (w) ASSISTANT PROFESSOR SHIELDS

175-176. C. P. A. Review.—Thorough practice in classroom to prepare candidates for the Certified Public Accountant examination. The object is to train students to apply accounting principles and to work in classroom under substantially the same conditions as in the examination room. Practical ac-

counting problems, auditing analysis, and theory of accounts. Prerequisite: Economics 171-172, and permission of the instructor. 6 s.h. (w)

[Not offered in 1942-43] ASSOCIATE PROFESSOR BLACK; MR. HENRICKSEN

177. Income Tax Accounting.—A study of the accounting principles involved in the management of business enterprise under the requirements of federal income tax laws. Practice is given in the preparation of tax returns. Prerequisite: Economics 171-172, or permission of the instructor. 3 s.h. (w)

ASSISTANT PROFESSOR SHIELDS

178. Accounting Systems.—The design and installation of accounting systems and the presentation of accounting reports to management in basic manufacturing industries, mercantile establishments, financial institutions and municipalities. Prerequisite: Economics 171-172, or permission of the instructor. 3 s.h. (w)

ASSISTANT PROFESSOR SHIELDS

[Not offered in 1942-43]

180. Governmental Accounting.—Accounting principles and methods used in the control and administration of governmental units. Emphasis is placed upon state, county, and municipal governments. A study is made of the accounting system of the Federal Government. Prerequisite: Economics 57-58, and permission of the instructor. 3 s.h. (w)

ASSISTANT PROFESSOR SHIELDS

275-276. Advanced Industrial Accounting and Management.—This course traces the ways and means of executive control through statistics and industrial accountancy. Emphasis is put upon the economics of overhead costs. A complete practice set of cost accounting is worked by each student during the course. Prerequisite: Economics 171-172 or permission of the instructor. 6 s.h. (w)

ASSOCIATE PROFESSOR BLACK

B. COMMERCE AND INDUSTRY

11. Economic Geography.—A course in regional economic geography embracing the study of the world's major geographic regions, their present and potential production of food and raw materials for manufacture, and the relationships between these factors and the development of manufacturing industries, cities, and commerce. Offered both semesters. 3 s.h. (w & e)

ASSISTANT PROFESSOR LEMERT

105. Industrial Management.—A study of the organization and management of industry, with emphasis upon business application of the principles developed. Problems of the interrelation of functions operating in the several fields of management, such as production control, personnel, and the forecasting of business conditions. Offered both semesters. 3 s.h. (w)

DR. KEECH

109. The Economic Geography of Latin America.—This course involves comprehensive study of the resources and people of Mexico, the West Indies, and Central and South America. Special emphasis is placed upon the possibilities and limitations of increases in trade between the United States and the leading Latin-American countries. 3 s.h. (w)

ASSISTANT PROFESSOR LEMERT

115. Economic Geography.—Required of all students in Teaching Group, Class B. A study of geographic influences consisting of location, maps and their interpretation, climate, topography, soils, minerals, bodies of water, plants, animals, and the works of man. This course also has special value for those intending to specialize in foreign trade or the diplomatic service. 3 s.h. (e)

ASSISTANT PROFESSOR LEMERT

116. Economic Geography and Industrial Organization.—Required of all students in Teaching Group, Class B. A study of the economic resources of the world; the products of the agricultural and manufacturing industries: trade

routes and trade centers; and the influence of geographic factors on the economic development of nations. This course is also valuable for those intending to specialize in foreign trade or the diplomatic service. Prerequisite: Economics 115. 3 s.h. (E)
ASSISTANT PROFESSOR LEMERT

118. **Economic Geography of the South.**—A study of the agricultural, commercial, and industrial development, with special emphasis upon the expansion of Piedmont industries. 3 s.h. (w)
ASSISTANT PROFESSOR LEMERT
[Not offered in 1942-43]

120. **Economic Geography of the Pacific.**—The physical influences, natural resources and economic activities of Asia, Oceania and portions of the western coasts of North and South America with special emphasis upon their relationship to present developments. 3 s.h. (w)
ASSISTANT PROFESSOR LEMERT

158. **Insurance.**—The development and basic principles of insurance. This course covers such topics as business uses, policy contracts, costs, and regulation of insurance. Life and fire insurance are emphasized. Offered both semesters. 3 s.h. (w)
DR. BERRY

168. **Marketing.**—The topics covered in this course include the economic importance of markets and the marketing system; marketing functions, organization, and methods; price policies; finance; speculation; market research and the planning of marketing activities; cooperative marketing; criticisms of marketing and means for improvement; and regulation. 3 s.h. (w)
ASSISTANT PROFESSOR LANDON

181-182. **Business Law.**—The fundamental principles of law as applied to common business transactions. The topics presented are: contracts, agency, bailments, sales, negotiable instruments, partnership, corporations, and bankruptcy. *For seniors.* 6 s.h. (w)
ASSISTANT PROFESSORS EITEMAN AND SPRINGER

184. **Commercial Law for Accountants.**—A review and summation of commercial law principles as they apply to accounting theory and practice. Emphasis will be placed upon the commercial law sections of the Certified Public Accountant examinations. Students are admitted to the course by permission of the instructor. *For seniors.* 3 s.h. (w)
ASSOCIATE PROFESSOR BLACK; ASSISTANT PROFESSOR SPRINGER

DEPARTMENTAL MAJOR

Prerequisites: Economics 51-52, Principles of Economics. 6 s.h. This course is ordinarily taken in the Sophomore year but may be taken by a selected group of Freshmen.

Major Requirements: Twenty-four semester-hours in addition to Economics 51-52, to be arranged as follows:

(1) Economics 138.—Business Statistics.—3 s.h.

This course may be taken the second semester of the Sophomore year or during the Junior year. It may be taken by departmental majors in their Senior year only with permission of the Director of Undergraduate Studies.

(2) Senior-Graduate Courses.—6 s.h.

At least six semester-hours must be chosen from Senior-Graduate courses offered in Economics.

(3) Economics 280.—Advanced Economic Problems.—3 s.h.

This course is required of all majors in the Department and is also open to Seniors in the Business Administration Group. It may not be counted as part of the Senior-Graduate course requirement.

(4) Additional Course Work.—12 s.h.

In addition to the special requirements outlined under (1), (2), and (3) above, majors in the Department must elect twelve semester-hours from courses offered in Economics for Juniors and Seniors. Six hours of Accounting and six hours in Commerce and Industry may be counted toward the completion of this requirement.

(5) Additional work in the Department.

Twenty-four semester-hours of work in the Department is a minimum for a major in Economics. According to the general University regulations, however, majors may take additional work in the subdepartments (Accounting and Commerce and Industry) not to exceed a total in the Department and subdepartments of fifty-four semester-hours.

Note: Students who take Economics 51-52 in their Freshman year may in their Sophomore year enroll in courses in the department ordinarily open only to Juniors.

EDUCATION

PROFESSOR HOLTON, CHAIRMAN; PROFESSOR PROCTOR, DIRECTOR OF UNDERGRADUATE STUDIES; ASSISTANT PROFESSOR EASLEY, SUPERVISOR OF FRESHMAN INSTRUCTION; PROFESSORS BROWNELL, CARR, AND CHILDS; ASSOCIATE PROFESSOR SCATES; DR. WATSON; DR. CARPER (PART-TIME), DR. PLANTINGA (PART-TIME); AND ASSISTANTS

Courses in the Department of Education are designed for two groups of students: (1) students with teaching experience or others who have definitely chosen teaching as their life-work, and (2) students who desire to study the school as an outstanding social institution.

Students who do not expect to teach but merely desire an understanding of the school as part of a liberal education are advised to elect such courses as 4, 8, 54, 104, and 105 for their introductory work in the Department and then to elect further work in accordance with their special interests. Students who expect to engage in the various phases of teaching should plan their courses in accordance with the general regulations for Groups V and VI as outlined in this catalogue. Students preparing for college teaching should elect courses in the history and philosophy of education and in educational psychology.

1. Orientation Course in Study and Study Habits.—A course for Freshmen whose high-school and other records indicate the need of help in working out a satisfactory method of study. The factors of study, the use of textbooks, note-taking from lectures and parallel readings, and applications of the factors of study to the daily problems of the student are among the matters considered. *Either semester. 3 s.h. (W & E)*

ASSISTANT PROFESSOR EASLEY, DR. WATSON, AND DR. CARPER

4. Introductory Course in History of Education.—A special section of course 54, for Sophomores and for Freshmen who have had course 8. *3 s.h. (E)*
ASSOCIATE PROFESSOR SCATES

8. The Learning Process.—A course in elementary educational psychology, required of all Freshmen and Sophomores entering Group V. *Either semester. 3 s.h. (W & E)*
STAFF

54. Introductory Course in History of Education.—A study of the types of educational systems and institutions evolved in Western Europe and the United States as an introduction to current educational problems. *3 s.h. (W)*
PROFESSORS HOLTON AND CARR

58. The Learning Process.—A special section of course 8, intended for Juniors. *Either semester. 3 s.h. (E) first semester and (W) second semester.*
ASSISTANT PROFESSOR EASLEY

68. Mental Hygiene of the School Child.—A study of personality factors as related to the adjustment and success of the school child, the foundations of motivation; typical problems of maladjustment; social heredity and its educational implications; variations in intelligence. 3 s.h. (E)

ASSISTANT PROFESSOR EASLEY

83. Current Trends in American Public School Organization.—A study of current controversies and criticisms bearing on the organization and administration of the public schools, recent developments in the organization of schools, and the theories underlying these developments. 3 s.h. (E) PROFESSOR PROCTOR

101. Introduction to Teaching.—A survey of the work of the teacher based upon a general theory of the learning and teaching process. Preliminary discussion of the qualifications and training of teachers and the nature and aims of education. Development of a theory of the curriculum; discussion of the nature of subject matter as related to pupil activity; modern classroom procedure in teaching, including an introduction to educational measurements. 3 s.h. (E) PROFESSOR CARR

103. School Organization and Administration for the Classroom Teacher.—*Either semester.* 3 s.h. (W) *first semester and* (E) *second semester.*

PROFESSOR PROCTOR

104. History of Education in the United States.—A special section of course 214, intended primarily for Juniors. 3 s.h. (E)

[Not offered in 1942-43]

ASSOCIATE PROFESSOR SCATES

105. Introduction to Educational Sociology.—A study of social forces, processes, and values as affecting education, and the interaction of school and community. 3 s.h. (E)

PROFESSOR CHILDS

112. Methods of Teaching and Presentation of Subject Matter in the Primary Schools.—A study of materials and methods in the primary school subjects with special reference to reading, language, number, and the social studies; introduction to the psychology of the primary school branches; practice in using educational tests. A minimum of thirty laboratory periods of observation and practice teaching. Prerequisite: course 101. *For Seniors only.* 4 s.h. (E) PROFESSOR CARR

A. Integrated Art in the Public School.—This course consists of three semester-hours of work in materials and methods. (Required of all students completing requirements in Group VIB, Elementary School Teaching, of the "Groups of Studies for the Degree of Bachelor of Arts.") *For Juniors and Seniors.* (E) MRS. MASON

[Not offered in 1942-43, unless as many as eight students enroll.]

B. Industrial Art in the Public School.—This course consists of three semester-hours of work in materials and methods. (Required of all students completing requirements in Group VIB, Elementary School Teaching, of the "Groups of Studies for the Degree of Bachelor of Arts.") *For Juniors and Seniors.* (E) MRS. MASON

[Not offered in 1942-43, unless as many as eight students enroll.]

115-116. Secondary Education: Principles and Practice.—The study of the nature, scope, and methods of secondary education, emphasizing fundamentals of the teaching process and exemplifying theory by practice. Sixty hours of observation work and thirty hours of supervised practice teaching required. Students preparing to teach in the junior high school are permitted to concentrate in that field. *Students must arrange their schedule to permit four hours of observation, conference, and practice teaching weekly. Since practice-teaching facilities are limited, students with superior record will be given pref-*

erence in the practice teaching. No student who has not passed the work of the Junior year at Duke University with an average of at least one and one-half quality-points will be permitted to do practice work. Students who have the required average in quality-points must before February 1 pass with grade of "B" or better, examination in the subject they expect to teach, based upon course of study of the school in which they expect to do their practice teaching. Before entrance into practice teaching students must complete thirty hours of observation under supervision. Their first five hours of practice must be satisfactory to the instructor directing observation and to the teacher of the class taught before they can continue the thirty hours of practice teaching required by the course. For Seniors only. 6 or 8 s.h. Section one (for teachers of English and foreign language). (E) Section two (for teachers of other subjects). (W)

PROFESSOR CHILDS AND ASSISTANTS

118. Educational Implications of Genetic Psychology.—A course tracing the development of the individual through the stages of growth and learning, with emphasis upon early and later childhood; the development of such behavior patterns as play, language, etc.; the process of socialization; and similar material of especial significance to teachers in the elementary schools. 3 s.h. (W)

PROFESSOR BROWNELL

122. Methods of Teaching and Presentation of Subject Matter in the Grammar Grades.—A study of materials and methods in the grammar grade subjects with special reference to reading, language, number, and the social studies; introduction to the psychology of the grammar grade branches; practice in the use of educational tests. A minimum of thirty laboratory periods of observation and practice teaching. Prerequisite: course 101. For Seniors only. 4 s.h. (E)

PROFESSOR CARR

131. Observation and Practice Teaching.—Open to Seniors who are enrolled in course 101. Separate work for primary and grammar grade teachers. 1 s.h. (E)

PROFESSOR CARR

132. Materials and Methods in Health Education.—Identical with Health Education 132. 3 s.h. (W)

ASSISTANT PROFESSOR AYCOCK

136. The Teaching of High-School English.—Identical with English 142. For Seniors only. 3 s.h. (E)

ASSISTANT PROFESSOR JORDAN

142. Children's Literature.—Students enrolled will be allowed to specialize in literature of either the primary or grammar grades. First semester. 3 s.h. (E)

PROFESSOR CARR

155. The Teaching of Secondary School Latin.—Identical with Latin 109. For Seniors only. 3 s.h. (W)

ASSISTANT PROFESSOR GATES

158. Educational Measurements.—A special section of 258, intended for undergraduates. Principles and technique involved in measurements in education. First semester. 3 s.h. (E)

ASSOCIATE PROFESSOR SCATES

170. The Social and Economic Position of Women.—A course in vocational guidance for women counting as a general elective, but not as part of either a major or minor in Education or towards a North Carolina State teacher's certificate. The purpose of the course is to give the historical background of the changing social and economic position of women, the contributions made by outstanding women, and the vocational opportunities open to women. 2 s.h. (E)

MRS. SMITH

176. Materials and Methods in High-School Science.—Discussion, based upon lectures and collateral reading, of such topics as aims, tests for values, the curriculum, classroom procedure, course and lesson planning in secondary school science. Prerequisite: at least eighteen hours of science in college. For Seniors only. First semester. 3 s.h. (W)

ASSOCIATE PROFESSOR SCATES

185. **The Teaching of Religion and Ethics.**—Identical with Religion 193; counts as elective in Education only for those students preparing to teach religion in secondary schools. 3 s.h. (w) ASSISTANT PROFESSOR CRUM

200. **Introduction to the Philosophy of Education.**—3 s.h. (w)
PROFESSOR HOLTON

203. **Principles of School Administration.**—Prerequisite: six semester-hours of courses 103 and 58 or their equivalent. 3 s.h. (w)
PROFESSOR PROCTOR

205. **Curriculum Problems in Secondary Education.**—A consideration of the aims and objectives of secondary school subjects, emphasizing practical problems of curriculum-making in the high school. 3 s.h. (E)
[Not offered in 1942-43] PROFESSOR CHILDS

206. **Sociological Foundations of the Secondary School Subjects.**—A consideration of the aims and objectives of secondary school subjects, emphasizing problems of curriculum-making. Prerequisite: general sociology or approved work in education, including course 105. 3 s.h. (w)
PROFESSOR CHILDS

207. **Technique of Teaching.**—An advanced course in the teaching process, dealing with the theory underlying sound technique and applied specifically to the work of the elementary school. 3 s.h. (E)
[Not offered in 1942-43] PROFESSOR CARR

208. **Mental Tests and Applications.**—A study of the development of intelligence testing, the concept of general intelligence, various recent applications of mental tests, and training in the giving of individual tests. Prerequisite: course 258 or six semester-hours of other work in educational psychology or psychology. 3 s.h. (E) ASSISTANT PROFESSOR EASLEY

209. **Statistical Methods Applied to Education.**—A study of statistical methods of treating educational and social data designed to enable teacher or administrator to interpret and use the results of scientific investigations in education. 2 s.h. (E) ASSOCIATE PROFESSOR SCATES

212. **Psychology of the Elementary School Subjects.**—A study of the psychology of learning as applied to teaching the common school subjects. 3 s.h. (E)
[Not offered in 1942-43] PROFESSOR CARR

214. **History of Education in the United States.**—A study of the development of the American public school and the interaction of higher education and the public school. 3 s.h. (w)
[Not offered in 1942-43] PROFESSOR HOLTON

216. **Psychological Principles of Secondary Education.**—A study of adolescence and the psychology of learning as applied to teaching the principal high-school subjects. 3 s.h. (w)
[Not offered in 1942-43] PROFESSOR CHILDS

217. **Advanced Educational Psychology.**—A systematic survey of the field of educational psychology, required of all majors in that field. *First semester.* 3 s.h. (E) PROFESSOR BROWNELL

218. **Educational Implications of Genetic Psychology.**—Special section of course 118, intended primarily for graduate students, ordinarily not offered the same year in which 118 is given. Prerequisite: six semester-hours of psychology or educational psychology. *First semester.* 3 s.h. (E)
PROFESSOR BROWNELL

219. **Experimental Education.**—The course is designed to provide training (1) in planning, (2) in prosecuting, and (3) in reporting quantitative investigations in the field of education, more especially in the field of learning and teaching the various school subjects. *First semester.* 3 s.h. (E)
[Not offered in 1942-43] PROFESSOR BROWNELL

222. **The Curriculum and Materials of the Elementary Grades.**—A study of curriculum problems in the elementary school. 3 s.h. (E) PROFESSOR CARR

225. **The Teaching of History and the Social Studies.**—Identical with History 211. The course counts as an elective in the Department of Education only when approved by the Department and the instructor. 3 s.h. (W)
ASSISTANT PROFESSOR MANCHESTER

227. **The Psychology of Learning: Problems.**—The major problems related to the learning process will be examined, with the experimental literature bearing on them. The curves of learning and forgetting, the distribution of practice, economical methods of learning, and the transfer of training will be the major topics considered. 3 s.h. (E) ASSISTANT PROFESSOR EASLEY
[Not offered in 1942-43]

228. **The Psychology of Learning: Theoretical and Experimental.**—This is a continuation of course 227. In this semester the laws of learning, the most important explanatory principles, and the major systems of the psychology of learning will be considered. Class experiments will run throughout the semester. Prerequisite: course 227 or its equivalent. *First semester.* 3 s.h. (E)
ASSISTANT PROFESSOR EASLEY

232. **Elementary School Supervision.**—A survey of supervision as a means of improving instruction and adapting the curriculum to child and community needs. 3 s.h. (E)
[Not offered in 1942-43] PROFESSOR CARR

233. **Administrative Pupil-Accounting.**—An advanced study of gradation and classification of pupils, with incidental attention to the keeping of records and the making of reports. The study includes a consideration of individual differences, promotions, acceleration, and retardation of pupils; the various plans for classification and gradation; interpreting the results of tests; and some practice in the computation of statistical measures. *Second semester.* 3 s.h. (W)
PROFESSOR PROCTOR

234. **Secondary School Organization and Administration.**—A study of the outstanding problems of secondary school organization and administration other than the problem of gradation and classification of pupils. *First semester.* 3 s.h. (W)
PROFESSOR PROCTOR

237. **Investigations in Reading.**—A summary of the results of the more important scientific studies in reading; interpretation of the results in terms of aims, methods, materials of instruction, testing diagnosis, and supervision; emphasis on problems requiring further investigation. 3 s.h. (E)
PROFESSOR CARR

244. **Studies in the Historical Development of Public School Administration.**—An advanced course devoted to the development of public school administration in the South, with especial reference to North Carolina as a type. 3 s.h. (W)
[Not offered in 1942-43] PROFESSOR HOLTON

246. **The Teaching of Mathematics.**—Identical with Mathematics 204. The course counts as an elective in the Department of Education only when approved by the Department and the instructor. 3 s.h. (E) PROFESSOR RANKIN
[Not offered unless enrollment justifies.]

247. **Investigations in Arithmetic.**—An analytical survey of investigations in arithmetic, with three purposes in view: (1) to examine the techniques employed with respect to their adequacy as means of solving the problems attacked; (2) to test the validity of the results announced and the values of these results for the teaching of arithmetic; (3) to locate further problems in arithmetic in need of scientific research. *Second semester.* 3 s.h. (w)

PROFESSOR BROWNELL

253. **Legal Phases of School Administration.**—A study of judicial decisions and the development of outstanding features of statute law controlling school administration, with special emphasis upon North Carolina materials. 3 s.h. (w)

PROFESSOR HOLTON

[Not offered in 1942-43]

254. **History of Secondary Education in the United States.**—A study of historical and comparative conceptions of the secondary school, changes in American life affecting the secondary school, present status of the secondary school, current tendencies toward expansion, and the problem of state and federal aid. *First semester.* 3 s.h. (w)

PROFESSOR PROCTOR

[Not offered in 1942-43]

258. **Educational Measurements.**—A critical study of the principles and techniques involved in measurement in education, with opportunity for individual research. Prerequisite: twelve semester-hours in the Department, including a course in educational psychology. 3 s.h. (E)

ASSOCIATE PROFESSOR SCATES

264. **Recent Movements in American Education.**—An intensive study of educational thought and practice since 1900. 3 s.h. (w)

PROFESSOR HOLTON

[Not offered in 1942-43]

266. **The Teaching of High-School French.**—Identical with French 217. 3 s.h. (w)

PROFESSOR WEBB

294. **Comparative Education: Recent Movements in European Educational Systems.**—A comparative study of the school systems of the principal countries of Europe, with emphasis upon changes since the World War. *First semester.* 3 s.h. (w)

PROFESSOR CARR

DEPARTMENTAL MAJOR

A major in the Department of Education consists of twenty-four semester-hours of work above the Freshman year, not including any work listed as primarily for Freshmen, and including at least six semester-hours of courses limited to Seniors or to Seniors and Graduates. Students, however, who obtain credit for courses 4 and 8 will be permitted to complete a major by taking twenty hours of additional work in the Department, provided twelve hours are courses limited to Seniors or to Seniors and Graduates. Before graduation, majors in the Department must have credit for at least one course in educational psychology, such as 8, 58, or 68, and one course in history and philosophy of education, or in educational sociology. The remainder of their work may be elected from courses listed for Sophomores, Juniors, and Seniors, provided at least six semester-hours of the course work are taken from courses listed for Seniors and Graduates, and provided that not more than six semester-hours may be of courses numbered below 100.

DEPARTMENTAL HONORS PROGRAM

Students may become candidates for Honors in education who have passed with grade of "B" or better in their Freshman or Sophomore years six semester-hours of education.

Candidates for Honors in education are required to take in the Junior year twelve semester-hours in the Department and to make an average of "B" or

better on this work. The remaining work in the Junior year will be chosen from related work and other electives with the consent of the Departmental Committee on Honors. In the Senior year, in addition to the equivalent of twelve semester-hours of supervised reading in education, the candidate must elect with the approval of the Departmental Committee on Honors six semester-hours of work from the courses in education offered in the 200 group, on which he is required to make a grade of "B" or better and twelve semester-hours of related or other elective work.

Of the supervised reading, which shall be done under the immediate supervision of members of the Departmental Committee on Honors, the equivalent of six semester-hours shall be devoted to the History of Education; the remaining six semester-hours shall be devoted to Educational Psychology, or Secondary Education, or Elementary Education, or Public School Administration as the student may elect and the Departmental Committee approve. In exceptional cases, qualified students may be permitted to take six semester-hours of the supervised reading during the Junior year and increase the amount of course work in the Department the Senior year.

At the conclusion of the work the student shall be given an oral examination by a committee of three, consisting of the two members of the Departmental Committee on Honors in charge of his supervised reading and another member of the Department selected by the Departmental Committee.

ENGLISH

PROFESSOR BROWN, CHAIRMAN; PROFESSOR GREENE, DIRECTOR OF UNDERGRADUATE STUDIES; ASSISTANT PROFESSOR SANDERS, SUPERVISOR OF FRESHMAN INSTRUCTION; PROFESSORS BAUM, GILBERT, GOHDES, HUBBELL, IRVING, AND WHITE; ASSOCIATE PROFESSORS ALLEN, BLACKBURN, PATTON, MITCHELL, AND WARD; ASSISTANT PROFESSORS HERRING, JORDAN, LEARY, SUGDEN, VANCE, WEST, AND WHITE; DRs. CARPENTER, HARWELL, AND POTEAT; MESSRS. BRICE, DOWLING, FITZGERALD, LEWIS, AND MARTIN

COMPOSITION

English L.—Those Freshmen whose scores in the placement tests are too low to justify their admission into English 1 are required to have credit for English L before they may enter English 1. 3 s.h.

DR. HARWELL AND MR. FITZGERALD

1-2. English Composition.—All Freshmen are required to take course 1 and course 2.

Students in courses 1 and 2 who fail to earn an average grade of "C" on the work of both semesters and at least a grade of "C" on the work of the spring term are required to do the work of English 53 during their Sophomore year. Those who do not earn a grade of "D" during the first semester are required to repeat during the spring course 1; if they earn a grade of "D" or more at the end of the spring semester, they receive credit for the first half-year of work, and during their Sophomore year they are required to do the work of English 2. Students whose grades for both semesters fall below "D" must repeat the entire course during their second year. 6 s.h. (E & W)

ASSOCIATE PROFESSORS ALLEN, BLACKBURN, PATTON, AND WARD; ASSISTANT PROFESSORS SANDERS, SUGDEN, VANCE, AND WHITE; DRs. CARPENTER, HARWELL, AND POTEAT; MESSRS. BRICE, DOWLING, FITZGERALD, AND MARTIN

53. English Composition.—A second course in composition. *Offered again in the second semester.* 3 s.h. (W & E) ASSISTANT PROFESSOR JORDAN

54. **Composition.**—This is a practical course in composition for those who desire a greater mastery of, and facility in, the use of the language than they get from English 1-2 and 53. 3 s.h. (w) ASSISTANT PROFESSOR JORDAN

65-66. **Approaches to Imaginative Writing.**—This course stresses the essentials of imaginative writing with the aim particularly to develop skill in the writing of prose and of poetry; the work includes also the analysis of selected models. The number of students in this course is limited, and all must have the consent of the instructor. Open to Sophomores and in special cases to Freshmen. 6 s.h. (w) ASSISTANT PROFESSOR SANDERS AND DR. CARPENTER

101-102. **Composition.**—This work is planned for those who have done good work in the required courses in composition. Students who wish to take this course must have made a grade of "B" or better in English 1-2 or they must have credit for English 1-2 and English 53. The number of students is limited, and all must have the consent of the instructor. Open to men and women. 6 s.h. (w) ASSOCIATE PROFESSOR MITCHELL

103-104. **Composition.**—Instruction in this course is concerned largely with descriptive and narrative writing. Only students who are able to write with facility and correctness are expected to enroll; they must have the consent of the instructor. Open to women and men. 6 s.h. (E) ASSOCIATE PROFESSOR BLACKBURN

107-108. **Journalism.**—The first semester is devoted to news-writing and copy-reading; the second semester, to the writing of feature articles and editorials. ASSISTANT PROFESSOR SUGDEN

109-110. **Composition.**—This course is planned primarily for those students who have credit for course 103-104 although other students may be admitted provided they are qualified; students who register for the course must first have the consent of the instructor. ASSOCIATE PROFESSOR BLACKBURN

133-134. **Verse-Writing.**—See description of this course on page 90. PROFESSOR WHITE

DRAMATICS AND SPEECH

105-106. **Play-Writing.**—The work of this course is concerned chiefly with the technique of the one-act play though study is made also of the longer forms. Worthy plays written by students are presented by the members of the play-production course. Open to Juniors and Seniors and also to such Sophomores as are approved by the Dean. 6 s.h. (w) ASSISTANT PROFESSOR WEST

119-120. **History of the Theater.**—A study of the development of the theater, of methods of production, and of representative plays of the various periods from the time of the early Greeks to the present day constitutes the work of this course. Open also to Sophomores approved by the Dean. 6 s.h. (w) ASSISTANT PROFESSOR WEST

121-122. **Play-Production.**—This is a course dealing with the theory and practice of producing plays. The work includes make-up, lighting, scene-design and painting, costume, directing, and stage-management. Plays are studied with a view to producing them. There is practice work both in the laboratory and in the theater. Open also to Sophomores approved by the Dean. 6 s.h. (w) ASSISTANT PROFESSOR WEST

139-140. **The Speaking Voice.**—This course gives training in placement, pitch, range, and diction for use in professional work and in daily conversation. Open to all undergraduates with the approval of the Dean. 6 s.h. (w) ASSISTANT PROFESSOR WEST

FOR SOPHOMORES, JUNIORS, AND SENIORS

151. **Speech.**—A course in the fundamentals of public speaking with emphasis upon the effective presentation of ideas. 3 s.h. (w & e)

ASSISTANT PROFESSOR HERRING AND MR. LEWIS

152. **Argumentation.**—A course dealing with the principles of argumentation and debating with special emphasis upon brief-making and practice-speaking. Public questions are studied as parallel work. Prerequisite: English 151. 3 s.h. (w)

ASSISTANT PROFESSOR HERRING AND MR. LEWIS

ENGLISH AND AMERICAN LITERATURE AND LANGUAGE

55-56. **Representative Writers.**—6 s.h.

PROFESSOR IRVING, ASSOCIATE PROFESSORS BLACKBURN AND WARD,
ASSISTANT PROFESSORS SANDERS, SUGDEN, VANCE, AND DR. POTEAT

63-64. **A Survey of English Poetry.**—6 s.h. (w & e)

ASSOCIATE PROFESSOR MITCHELL

123-124. **Shakespeare.**—6 s.h. (w)

PROFESSOR BROWN

125-126. **English Literature, 1789-1832.**—6 s.h. (w & e)

PROFESSOR WHITE, ASSOCIATE PROFESSOR PATTON,
AND ASSISTANT PROFESSOR WHITE

127-128. **English Prose Literature, 1832-1900.**—6 s.h. (w)

PROFESSOR GREENE

129-130. **The History of the Novel in England.**—6 s.h. (w & e)

ASSOCIATE PROFESSOR MITCHELL AND ASSISTANT PROFESSOR VANCE

133-134. **Verse-Writing.**—This work is offered each year for not less than three or more than six students, who must make to the instructor written application accompanied by some original verse. Open to Seniors, Juniors, and in exceptional cases to Sophomores. 3 s.h. (w)

PROFESSOR WHITE

137-138. **American Literature.**—6 s.h. (w & e)

PROFESSORS HUBBELL AND GOHDES AND ASSISTANT PROFESSOR LEARY

142. **Materials and Methods in High-School English.**—*Second semester.* 3 s.h. (e)

ASSISTANT PROFESSOR JORDAN

145-146. **English Poetry, 1832-1900.**—6 s.h. (w)

ASSISTANT PROFESSOR SANDERS

153-154. **Comparative Literature.**—Readings in important texts of English and Continental literature (in translation); studies in types. 6 s.h.

[Only 154 offered in 1942-43]

PROFESSOR IRVING

155-156. **Contemporary Drama.**—Open to Junior and Senior women and to those Sophomores recommended by the Dean. 6 s.h. (e)

ASSISTANT PROFESSOR WHITE

157-158. **Contemporary British and American Fiction.**—Open also to Sophomores recommended by the Dean. 6 s.h. (w)

ASSISTANT PROFESSOR LEARY

159-160. **English Literary Biography.**—6 s.h. (w)

PROFESSOR WHITE

[Not offered in 1942-43]

161-162. **The History of the English Language.**—This work is strongly recommended for all majors in English.

PROFESSOR GREENE

165-166. **The Short Story in America.**—6 s.h. (E)
PROFESSORS HUBBELL AND GOHDES

167-168. **English Prose of the Romantic Period.**—6 s.h.
ASSOCIATE PROFESSOR PATTON

FOR SENIORS AND GRADUATES

201-202. **Anglo-Saxon.**—The first half of the year is given to the reading of prose and to a study of the language; the second half, to the reading of *Beowulf*. 6 s.h.
PROFESSOR BROWN

203-204. **Chaucer.**—The work consists of the reading and study of the principal *Canterbury Tales*, the *Troilus*, the minor poems, and some of the translations. Students prepare a reading report and a term paper. 6 s.h.
PROFESSOR BAUM

207-208. **English Literature, 1400-1550.**—6 s.h.
[Not offered in 1942-43] PROFESSOR BAUM

209-210. **English Literature, 1625-1700.**—6 s.h. ASSOCIATE PROFESSOR WARD

211-212. **Nondramatic English Literature, 1550-1625.**—6 s.h.
PROFESSOR GILBERT

213-214. **Folk-Lore and Folk-Songs.**—The first half of the work consists of an extensive study of the field of folk-lore; the second, of the ballad and other folk-songs. 6 s.h.
PROFESSOR BROWN

215-216. **Elizabethan Drama.**—6 s.h. (w)
[Not offered in 1942-43] PROFESSOR GILBERT

217. **Spenser.**—In this course the students study the works of Spenser, giving especial attention to the major poems. 3 s.h. (w) PROFESSOR GILBERT

218. **Milton.**—A detailed study of Milton's prose and poetry with emphasis upon the major poems constitutes the work of this course. There are frequent written reports and a term paper. 3 s.h. (w) PROFESSOR GILBERT

219-220. **English Literature of the Eighteenth Century.**—The prose and poetry of the Age of Pope are reviewed in the first semester, of the Age of Johnson in the second. Term papers are required. 6 s.h. (w)
PROFESSOR IRVING

227-228. **Literary Criticism.**—This work consists of a study of the history of literary criticism from Aristotle to the present. There are oral and written reports and term papers. 6 s.h.
PROFESSOR GILBERT

229-230. **American Literature, 1800-1870.**—This work consists of a survey of the principal writers of the period. There are two oral reports and a term paper each semester. 6 s.h.
PROFESSOR HUBBELL

231-232. **Special Studies in American Authors.**—6 s.h. PROFESSOR GOHDES
[Not offered in 1942-43]

233-234. **American Literature since 1870.**—The work is a survey of the period, including the writings of a few of the most important living authors. One term paper each semester. 6 s.h.
PROFESSOR GOHDES

239-240. **Shakespeare Problems.**—Students should have read the principal plays before entering the course. 6 s.h. (w)
[Not offered in 1942-43] PROFESSOR BROWN

269. Southern Literature and Culture.—3 s.h.
[Not offered in 1942-43]

PROFESSOR HUBBELL

DEPARTMENTAL MAJOR

Prerequisites: English 1 and 2.

Requirements for the Major: A major in English consists of twenty-four semester-hours of credit distributed as follows: *six* hours must be earned in English 55-56 or in English 63-64 and *eighteen* hours credit, in courses in English and American literature of the 100 or 200 group.

FINE ARTS

ASSISTANT PROFESSOR McDONALD, CHAIRMAN; ASSISTANT PROFESSOR HALL, DIRECTOR OF UNDERGRADUATE STUDIES; DR. SUNDERLAND; MISS ROBINSON

The purpose of the courses in the Department is so to train the student's eye by directed study of characteristic examples of the historic styles that he may apply his own standards of judgment to less familiar works either of the past or of the present. The advanced courses cover only the post-classical field to avoid duplication of courses in other departments.

1-2. **History of Art.**—The survey course for Freshmen is designed to help the new student in relating the different manifestations of art in each period with the civilization which produced them. There are two lectures and one period of discussion each week, enabling the student to get a perspective on the whole problem in the light of his individual interests and abilities. 6 s.h. (E) MISS ROBINSON

51-52. **History of Art.**—The survey course for upperclassmen treats each art as a unit, relating it to its background and its companion arts wherever possible, but leaving many of the problems of correlation to the initiative of the student. The development of architecture is considered in course 51, the development of sculpture and painting in course 52. Courses 51 and 52 are both offered each semester. They are not open to Freshmen nor to students who have had course 1-2. *Credit for a single semester will be given only to students electing it during their last semester as undergraduates.* 6 s.h. (W & E) 51, ASSISTANT PROFESSOR HALL
52, ASSISTANT PROFESSOR McDONALD

53-54. **Theory of Representation and Design.**—A consideration of the general theory of tone relations, of the different modes of representation, and of the theory of design. The course aims to give a thorough understanding of the principles governing the art of drawing and painting as practiced in the past and at the present time. One lecture and four laboratory hours. *Open only to students who are enrolled in, or have already completed, a year-course in the Department.* 6 s.h. (E) DR. SUNDERLAND

91. (Old number, 95.) **Art of the Near and Middle East.**—A study of the art and architecture of the Islamic World and of India as it reflects the culture, the religion, and the philosophy of the major periods. Open without prerequisite to Seniors, Juniors, and Sophomores. 3 s.h. (E) ASSISTANT PROFESSOR McDONALD

92. (Old number, 97.) **Art of the Far East.**—A study of the art and architecture of China, Korea, and Japan. Special attention is given to the historical background, and the religious and philosophical developments underlying the artistic changes. Open without prerequisite to Seniors, Juniors, and Sophomores. 3 s.h. (E) ASSISTANT PROFESSOR McDONALD

94. (Old number, 93.) **American Painting and Sculpture.**—A study of the development of American painting and sculpture from the beginnings in the Colonial period to the present day, with emphasis on the gradual emergence of a national style. Open without prerequisite to Seniors, Juniors, and Sophomores. 3 s.h. (E)
MISS ROBINSON

101. **Medieval Architecture.**—A survey of Christian architecture in the Near East and in Western Europe from its origin in the late classic period to its disintegration in the fifteenth century. Prerequisite: 1-2 or 51. 3 s.h. (E)
[Not offered in 1942-43] DR. SUNDERLAND

103. **Renaissance and Baroque Architecture: Italy.**—A study of architecture in Italy from Brunelleschi to Bernini, developed through the works of individual architects and their schools. Prerequisite: 1-2 or 51. 3 s.h. (E)
[Not offered in 1942-43] ASSISTANT PROFESSOR HALL

104. **Renaissance and Baroque Architecture: Spain and the North.**—An inquiry into the extension of Italian Renaissance and Baroque influence in architecture, and its modification under local conditions elsewhere in Europe. Prerequisite: 1-2 or 51. 3 s.h. (E)
[Not offered in 1942-43] ASSISTANT PROFESSOR HALL

105. **European Architecture since 1700.**—An analysis of the sources of contemporary European architecture in the historic revival styles and counter-revolts, technical invention and new structural materials, industrial expansion and social planning. Prerequisite: 1-2 or 51. 3 s.h. (E)
ASSISTANT PROFESSOR HALL

106. **Architecture of the Americas.**—A study of building in the Western Hemisphere from the pre-Columbian cultures to the present, with emphasis on the architecture of the United States since the Revolution. Prerequisite: 1-2 or 51. 3 s.h. (E)
ASSISTANT PROFESSOR HALL

110. (Old number, 120.) **English Architecture.**—A survey of architecture in Great Britain from the Roman occupation to the present. Prerequisite: 1-2 or 51. 3 s.h. (E)
[Not offered in 1942-43] ASSISTANT PROFESSOR HALL

121. (Old number, 102.) **Medieval Art.**—A study of the art and culture of Medieval Europe from pre-Carolingian sources to the collapse of Feudal Europe in the fifteenth century, with emphasis on cultural background, and the religious and philosophical changes underlying the artistic evolution of the period. Open without prerequisite to Seniors and Juniors recommended by the Dean. Prerequisite for Sophomores: 1-2 or 52. 3 s.h. (E)
ASSISTANT PROFESSOR McDONALD

123. (Old number, 107.) **Renaissance Painting and Sculpture: Italy.**—A study of Italian painting and sculpture, mainly in Florence, from the end of the fourteenth through the fifteenth century. Open without prerequisite to Seniors and Juniors, and to Sophomores recommended by the Dean. 3 s.h. (E)
DR. SUNDERLAND

124. (Old number, 109.) **Baroque Painting.**—An analysis of the character and tendencies of seventeenth-century painting, mainly in Italy, with some reference to Spain and The Netherlands. Open without prerequisite to Seniors and Juniors, and to Sophomores recommended by the Dean. 3 s.h. (E)
DR. SUNDERLAND

125. (Old number, 108.) **Renaissance Painting and Sculpture: the North.**—A study of painting and sculpture in The Netherlands and Germany in the fifteenth and sixteenth centuries. Open without prerequisite to Seniors and Juniors, and to Sophomores recommended by the Dean. 3 s.h. (E)
DR. SUNDERLAND

130. (Old number, 110.) **Painting since 1700.**—An investigation of the development of painting from the eighteenth century through Picasso. Open without prerequisite to Seniors and Juniors, and to Sophomores recommended by the Dean. 3 s.h. (E) DR. SUNDERLAND

COURSES OFFERED IN OTHER DEPARTMENTS ACCREDITED IN THIS DEPARTMENT

Greek 141-142. Greek Art.

Greek 247-248. Greek Archaeology.

Latin 115. Architecture of Ancient Rome.

Latin 215. Introduction to Roman Art and Archaeology.

Latin 216. Topography and Monuments of Ancient Rome.

Philosophy 201-202. The Philosophy of Art.

Philosophy 213-214. History of Aesthetics.

Psychology 202. Psychology of Aesthetics.

DEPARTMENTAL MAJOR

Prerequisites: 1-2 or 51-52.

Major Requirements: 53-54, and eighteen hours in courses chosen from the departmental offerings, or from courses in other departments accredited in this Department.

FORESTRY

Students without a Bachelor's degree who are preparing for work in forestry as a profession should take the courses outlined under the Academic-Forestry Combination (see pages 67-68). However, with the consent of the instructor in charge, certain forestry courses may be elected by students in other curricula provided they have had adequate preparation (see *Bulletin of the School of Forestry*).

Members of the Sophomore, Junior, and Senior classes may elect the following course:

52. **Principles of Forestry.**—An introduction to forestry emphasizing the economic and social importance of forests and their influence on stream flow, water supply, soil, and erosion; brief studies of individual trees and the life history of forests and their reproduction, treatment, and protection; principal forest regions and timber trees of United States; a brief history of forestry in America and present-day forestry agencies. Work consists of lectures, assigned readings, and reports. 2 s.h. (w) ASSOCIATE PROFESSOR THOMSON

GEOLOGY

ASSOCIATE PROFESSOR BERRY

51. **General Geology.**—This course is designed to give a general view of the surface features of the earth, their origin, structure, and materials. Illustrative materials are studied in the laboratory. Excursions are made to neighboring points where the principles of the science are studied in the field. Three one-hour lectures or recitations and one three-hour laboratory. 4 s.h. (w)

ASSOCIATE PROFESSOR BERRY

52. **General Geology.**—This course is designed to give some knowledge of the chief events of the earth's history. Excursions will be made to suitable neighboring localities. Three one-hour lectures or recitations and one three-hour laboratory. Prerequisite: Geology 51. 4 s.h. (w)

ASSOCIATE PROFESSOR BERRY

101-102. Mineralogy.—This course is devoted to a study of the fundamentals of crystallography and the crystal groups, using crystal models and crystallized minerals. Followed by the systematic study of about 175 important minerals. Determinative work includes exercises on sight recognition, identification by blowpipe, and other physical and chemical tests. Excursions will be made to neighboring mineral localities. Three two-hour periods. Prerequisite: Chemistry 1-2 (can be taken concurrently). 8 s.h. (w)

ASSOCIATE PROFESSOR BERRY

151. Economic Geology.—Study of world distribution, geologic occurrence, and uses of important mineral deposits. Three two-hour periods. Prerequisite: Geology 101-102. 4 s.h. (w)

ASSOCIATE PROFESSOR BERRY

152. Introductory Paleontology.—Systematic study of invertebrate paleontology, dealing mainly with generic characters of the fossil invertebrates and their use in identifying and correlating geologic formations. Three two-hour periods. Prerequisites: Geology 51, 52 and Zoology 1. 4 s.h. (w)

ASSOCIATE PROFESSOR BERRY

DEPARTMENTAL MAJOR

Prerequisites: None for Geology 51. Chemistry 1-2 for Geology 101-102; Zoology 1 for Geology 152.

Major Requirements: Geology 51, 52, 101-102, 151, 152.

GERMAN LANGUAGE AND LITERATURE

PROFESSOR VOLLMER, CHAIRMAN; ASSISTANT PROFESSOR MAXWELL, DIRECTOR OF UNDERGRADUATE STUDIES; ASSISTANT PROFESSOR WILSON, SUPERVISOR OF FRESHMAN INSTRUCTION; PROFESSORS KRUMMEL AND WANNAMAHER; DR. SHEARS

Freshmen entering college with *two* units of German take German 3-4. Freshmen entering with *three* units must pass a qualifying examination in second-year college German if they desire to enter third-year college German (German 51-52) and complete their language requirement in one year.

Sophomores, who have passed German 1-2, take German 3-4. Those who have passed German 3-4, normally take German 51-52. Students in the Pre-medical Group, however, who have attained in their Freshman year an average of at least "C" in German 3-4 may go directly into German 107-108 (Scientific German) in their Sophomore year. Sophomores who passed German 51-52 in their Freshman year may take any course in the 100 group.

Juniors who desire to begin the study of German, may receive full advanced course credit by passing German 101-102. Those who have passed German 1-2 or 101-102, take German 3-4 or 103-104. Pre-medical Juniors, who received at least "B" in their Sophomore year in German 101-102, may enter German 107-108. Those who have passed German 3-4 or 51-52 may take any course in the 100 group. Those who have passed a 100 course, take any course in the 100 or 200 groups.

Seniors who desire to take one year of German, may receive full advanced course credit by passing German 101-102. Those who have passed German 1-2 or 101-102, take German 103-104. Those who have passed second-year college German here or elsewhere take any course in the 100 group. Seniors majoring in German and those who have passed third-year college German are expected to take courses in the 200 group.

All through courses in the 100 and 200 groups are regarded as full-year courses, one semester may be taken for 3 semester-hours credit with the consent of the instructor. The 100 courses are third-year German courses primarily for Juniors and Seniors, but Freshmen and Sophomores with proper preliminary training may be admitted by special permission of the Department. (See especially above note on pre-medical Sophomores.)

- 1-2. **Elementary German.**—6 s.h. (E & W)
ASSISTANT PROFESSOR WILSON AND STAFF
- 3-4. **Intermediate German.**—6 s.h. (E & W)
PROFESSOR KRUMMEL AND STAFF
- 51-52. **Third-Year German.**—For Freshmen and Sophomores primarily. A transition course between Intermediate German and the literary and scientific courses of the 100 and 200 groups. 6 s.h. (W)
- 101-102. **Elementary German.**—For Juniors and Seniors primarily. 6 s.h. (W)
ASSISTANT PROFESSOR MAXWELL
- 103-104. **Intermediate German.**—For Juniors and Seniors primarily. 6 s.h. (W)
ASSISTANT PROFESSOR WILSON
107. **Scientific German.**—The German language as used in the various contemporary sciences. 3 s.h. (W)
PROFESSOR WANNAMAHER AND ASSISTANT PROFESSOR MAXWELL
108. **Advanced Scientific and Medical German.**—Advanced scientific German with special emphasis on medical German. 3 s.h. (W)
PROFESSOR WANNAMAHER AND ASSISTANT PROFESSOR MAXWELL
- 109-110. **German Prose Fiction.**—Origin and development of the German novel with special emphasis on the nineteenth century. 6 s.h.
PROFESSOR KRUMMEL
- 111-112. **Introduction to the Classic Drama.**—Selected dramas from Lessing, Goethe and Schiller. 6 s.h.
ASSISTANT PROFESSOR WILSON
[Not offered in 1942-43]
- 113-114. **Nineteenth-Century German Poetry.**—In the first semester the lyric is studied and in the second semester the ballad. 6 s.h.
ASSISTANT PROFESSOR WILSON
- 115-116. **German Drama of the Nineteenth Century.**—A study of leading dramatists from Kleist to Hauptmann. 6 s.h.
PROFESSOR KRUMMEL
[Not offered in 1942-43]
- 117-118. **German Conversation.**—A course in writing and speaking German for properly qualified students. 6 s.h.
PROFESSOR VOLLMER
- 119-120. **German Literature in English Translation.**—The great epochs in German literature studied through English translations. 6 s.h. (W)
PROFESSOR VOLLMER
[Cannot be taken for foreign language credit. Knowledge of German not required.]
- 121-122. **Schiller.**—A study of his life and works in relation to the culture of the eighteenth century. 6 s.h.
PROFESSOR VOLLMER
[Not offered in 1942-43]
- 123-124. **Modern German Short Story.**—Development and technique of the novelle. 6 s.h.
DR. SHEARS
- 125-126. **Contemporary German Literature.**—A study of representative works of the twentieth century. 6 s.h.
DR. SHEARS
[Not offered in 1942-43]
- 201-202. **Goethe.**—A study of Goethe's life and works, with special emphasis upon the broader aspects of his ever widening interests and literary activities. 6 s.h.
PROFESSOR KRUMMEL
[Not offered in 1942-43]
- 207-208. **German Romanticism.**—The course covers the entire field of German romanticism from 1800 to 1850. 6 s.h. (W)
PROFESSOR VOLLMER
[Not offered in 1942-43]

209-210. Kleist, Grillparzer, and Hebbel.—The dramatic development in Germany after Schiller. 6 s.h. PROFESSOR KRUMMEL

211-212. Heinrich Heine and Young Germany.—Heine's life and thought, culminating in the Jungdeutschland Movement. 6 s.h. PROFESSOR VOLLMER

213-214. Literature of the Empire, 1871-1914.—A study of the literature of this period as determined particularly by the philosophical, social, political, and religious factors. 6 s.h. PROFESSOR VOLLMER

DEPARTMENTAL MAJOR

1. *Prerequisites*: German 1-2 and 3-4.

2. *Major Requirements*: Twenty-four hours in the German Department. Twelve of these must be selected from the 200 courses. The remaining twelve may be selected from German 51-52 and any courses in the 100 group except 101-102, 103-104 and 119-120.

HONORS IN GERMAN

Prerequisites:

1. For admission to candidacy for Honors in German, a student must have begun the study of the language not later than the Freshman year in college.

2. A student who has completed at least 12 s.h. of college German by the end of the Sophomore year with a grade of "A" or "B" (equivalent courses in secondary schools or in other colleges may be presented as substitutes) is eligible to apply to the Departmental Committee for permission to read for Honors in German.

General Rules:

I. The Departmental Honors Program constitutes the work of the Honors student during the Junior and Senior years. This program shall be the equivalent of sixty semester-hours of work.

II. *Work in the German Department*: The amount of work taken in the German Department shall be the equivalent of thirty-six semester-hours. Of this the work done in the Honors tutorials shall count twelve hours, six hours for the Junior year and six hours for the Senior year. The comprehensive examinations at the end of the Senior year are counted as part of this twelve semester-hours credit.

III. *Related Work*: The related work, which constitutes at least two fifths of the Honors program, that is, the equivalent of twenty-four semester-hours, must be distributed among not less than two departments, unless the Departmental Committee gives special permission for the student to take his related work in one department.

IV. *General Honors Examinations*: In May of the Senior year the candidate will be given a general written examination, conducted by his Adviser, on his Honors Reading. A general oral examination, conducted by the Departmental Committee and presupposing a general knowledge of the development of German culture and civilization and a practical ability in the use of the German language, will also be conducted in May.

GREEK

PROFESSOR PEPLER, CHAIRMAN, AND DIRECTOR OF UNDERGRADUATE STUDIES; DR. TRUESDALE, SUPERVISOR OF FRESHMAN INSTRUCTION; ASSISTANT PROFESSOR WAY

Courses 15, 121-122, 141-142, and 131 are entirely in English and require no knowledge of the Greek language. The purpose in offering them is to give a wider circle of students some conception of the debt which modern civilization owes to the Greeks.

- 1-2. Course for Beginners.—Open to all students. 6 s.h. (w)
DR. TRUESDALE
- 53-54. Xenophon.—*Anabasis*, Books I-IV. Open to students who have completed course 1-2. 6 s.h. (w)
DR. TRUESDALE
- 105-106. Homer.—*Iliad*, Books I-VI. Open to students who have completed courses 1-2 and 53-54 or their equivalent. 6 s.h. (w)
PROFESSOR PEPLER AND DR. TRUESDALE
- 107-108. Plato.—*Apology*, *Crito*, and selections, together with collateral reading in the *Memorabilia* of Xenophon and in the *Clouds* of Aristophanes. Euripides.—One play to serve as an introduction to Greek tragedy. Open to students who have completed the required preliminary work. 6 s.h. (w)
DR. TRUESDALE
15. Mythology.—A study of Greek mythology and the use made of it in art and English literature. No knowledge of the Greek language is required. Open to Freshmen as an elective in either semester. 3 s.h. (w)
DR. TRUESDALE
- 115-116. Sight Reading in Greek.—Three hours per week through the year. 4 s.h. (w)
ASSISTANT PROFESSOR WAY AND DR. ROSE
- 117-118. Greek Prose Composition.—The character of this course is determined by the needs of the students who elect it. 3 s.h. (w)
PROFESSOR PEPLER
- 121-122. Greek Literature in English Translation.—The purpose of this course is to give a general survey of the life and civilization of the Greeks, especially to those who have never studied the language but wish to become acquainted with some of the choicest portions of the literature by the use of translations. It is, however, open as an elective to all Juniors and Seniors, whether they know Greek or not. First, the *Iliad* and the *Odyssey* are read in translation and illustrated with stereopticon views of the excavations and discoveries at Troy and other cities of the Aegean age; then, many of the extant plays of the three great tragic poets are studied in English translations. 6 s.h. (w)
PROFESSOR PEPLER
- The student may elect course 122, whether he has taken course 121 or not.*
- 141-142. Greek Art.—Lantern lectures designed to provide a comprehensive survey of the development of Greek sculpture and Greek architecture in all periods. The course is opened by a preliminary account of Egyptian, Mesopotamian, and Aegean backgrounds. Open to Seniors, Juniors, and (by arrangement) Sophomores. No knowledge of Greek is required. 6 s.h. (w)
ASSISTANT PROFESSOR WAY
- The student may elect course 142, whether he has taken course 141 or not.*
131. History of Greece.—The history of the Greek world from the Late Bronze Age to the Macedonian conquest. Open to Seniors, Juniors, and (by arrangement) Sophomores. No knowledge of Greek is required. 3 s.h. (w)
ASSISTANT PROFESSOR WAY
- 201-202. Greek Tragedy.—Selected plays. 6 s.h. (w) PROFESSOR PEPLER
- 203-204. Homer.—*Odyssey*. Pindar and Bacchylides. 6 s.h. (w)
DR. TRUESDALE
- 205-206. Greek Historians.—Herodotus, Book VII; Thucydides, Book VII. 6 s.h. (w)
PROFESSOR PEPLER
- 207-208. Greek Orators.—Selected speeches. 6 s.h. (w)
ASSISTANT PROFESSOR WAY

209-210. Plato.—*Symposium, Protagoras*, and parts of the *Republic*. 6 s.h. (w) ASSISTANT PROFESSOR WAY

211-212. Aristophanes.—Selected comedies. 6 s.h. (w) PROFESSOR PEPLER
Only one of the six year-courses for Seniors and Graduates (201-212), listed above, is offered each year.

243. Athenian Topography.—The topography and monuments of ancient Athens. 3 s.h. (w) ASSISTANT PROFESSOR WAY

244. Greek Epigraphy.—Lectures on the history of the alphabet and the development of the local Greek alphabets, followed by extensive reading of inscriptional texts in facsimile. 3 s.h. (w) ASSISTANT PROFESSOR WAY

245. Greek Dialects.—A linguistic study of transliterated inscriptions illustrative of the major Greek dialects. The interrelations of the dialectal forms are examined with reference, where possible, to their origin in pre-ethnic Greek. 3 s.h. (w) ASSISTANT PROFESSOR WAY

246. Greek Historical Inscriptions.—The more valuable historical inscriptions are read in chronological order and interpreted in their general bearing upon the course of Greek history. 3 s.h. (w) ASSISTANT PROFESSOR WAY

247-248. Greek Archaeology.—Advanced course in the general field for Seniors and Graduates, comprising architecture, sculpture, vases, and the minor arts. 6 s.h. (w) ASSISTANT PROFESSOR WAY

Of the courses numbered from 243 to 248 only two semester-courses are offered each year.

257. Social and Cultural History of the Hellenistic World from Alexander to Augustus.—Lectures, readings, and discussions. 3 s.h. (w)
 [Not offered in 1942-43] DR. TRUESDALE

DEPARTMENTAL MAJOR

Prerequisite: Greek 1-2.

Major Requirements: A candidate for a major in Greek must complete twenty-four semester-hours, including the following courses: Greek 53-54, 105-106, 107-108, 117-118, and 131.

DEPARTMENTAL HONORS PROGRAM

For admission to candidacy for Honors in Greek the student must have completed Greek 1-2 and 53-54 or their equivalent.

Candidates for Honors must complete the following program of work:

(a) Greek 105-106, 131, 141-142, 107-108, 122, and 117-118.

(b) Four year-courses in related departments.

(c) The Honors Reading. This is tutorial work in which the student is required to read assigned portions of Greek literature by himself, to write papers on topics related to his reading, and to meet the Honors Adviser in weekly conferences for the discussion of the literature that he is reading independently. For the Honors Reading a credit of nine semester-hours is given.

Students who enter the University with advanced standing in Greek take higher courses in the language than those listed above.

At the end of the Senior year candidates for Honors must pass a comprehensive examination in writing on the subject matter covered by their studies in Greek.

Graduates of Duke University may attend the American School of Classical Studies at Athens, Greece, without charge for tuition, and are eligible to compete for the fellowships that are offered annually by the School. These consist of two fellowships in Greek archaeology and one in the language, literature,

and history of ancient Greece, each with a stipend of \$1,300. They are awarded mainly on the basis of examinations held in the beginning of February of each year.

HEALTH AND PHYSICAL EDUCATION

TRINITY COLLEGE

MR. WADE, DIRECTOR; MESSRS. AYCOCK, CALDWELL, CAMERON, CARD, CHAMBERS, COOMBS, CRICHTON, FOGLEMAN, GERARD, HAGLER, LEWIS, MONTFORT, PERSONS, POTTER, STANLEY

REQUIRED PHYSICAL EDUCATION FOR MEN

Six hours of credit in physical education, with an average grade of "C," must be completed for graduation. Three hours a week through the Sophomore year are needed to fulfill this requirement. All students must enroll in physical education until they have completed the requirement.

All students are required to take a medical and physical examination before registering. Those who reveal pronounced physical deficiencies are excused from regular courses in physical education and are required to take the course entitled "Individual Corrective Activities." Students assigned to this work continue to take it until they have been pronounced reasonably sound. Thereupon they withdraw from this course and register in the regular physical education course. A student may take from one to eight semesters of this special work. Students without defects may elect to take any four courses they choose. In general, these activities fall in one of three groups: those developing physical efficiency; those affording competitive contests; and those occupying recreative or leisure time. Since a student is not allowed to take the same course twice, he covers four courses in the two years of required work.

Students may receive physical education credit for participation in Freshman and varsity intercollegiate sports.

A regulation uniform, consisting of shirt, trunks, supporter, socks and sweat clothes, will be furnished each student upon payment of the Equipment and Recreation Fee and Laboratory Fee (see pages 168 and 169). Each student is required to provide rubber-soled shoes.

PHYSICAL EDUCATION CLASSES

1-2. Basketball.—1½ s.h.	MR. CALDWELL
3-4. Boxing.—1½ s.h.	MR. POTTER
5-6. Individual Corrective Activities.—1½ s.h.	MR. AYCOCK
7-8. Handball.—1½ s.h.	MR. GERARD
9-10. Softball.—1½ s.h.	MR. STANLEY
11-12. Soccer Football.—1½ s.h.	MR. GERARD
13-14. Swimming.—1½ s.h.	MR. PERSONS
15-16. Touch Football.—1½ s.h.	MR. GERARD
17-18. Tennis.—1½ s.h.	MR. FOGLEMAN
19-20. Tumbling Stunts.—1½ s.h.	MR. CARD
21-22. Postural Training.—1½ s.h.	MR. MONTFORT
25-26. Wrestling.—1½ s.h.	MR. POTTER
27-28. Apparatus Stunts.—1½ s.h.	MR. CARD

49. Lacrosse.—1½ s.h.	MR. POTTER
55-56. Individual Corrective Activities.—1½ s.h.	MR. AYCOCK
59. Baseball.—1½ s.h.	MR. COOMBS
61-62. Golf.—1½ s.h.	MR. CRICHTON AND MR. HAGLER
63-64. Advanced Tennis.—1½ s.h.	MR. FOGLEMAN
65-66. Advanced Apparatus.—1½ s.h.	MR. MONTFORT

INTERCOLLEGIATE ATHLETIC SPORTS

FRESHMEN

30. Baseball.—1½ s.h.
 32. Basketball.—1½ s.h.
 37. Football.—1½ s.h.
 38. Football.—1½ s.h.
 41. Cross Country.—1½ s.h.
 42. Swimming.—1½ s.h.
 44. Tennis.—1½ s.h.
 46. Track.—1½ s.h.
 48. Wrestling.—1½ s.h.
 50. Lacrosse.—1½ s.h.

VARSITY

70. Lacrosse.—1½ s.h.
 80. Baseball.—1½ s.h.
 82. Basketball.—1½ s.h.
 83. Basketball.—1½ s.h.
 87. Football.—1½ s.h.
 88. Football.—1½ s.h.
 90. Golf.—1½ s.h.
 91. Cross Country.—1½ s.h.
 92. Tennis.—1½ s.h.
 93. Soccer Football.—1½ s.h.
 94. Swimming.—1½ s.h.
 95. Track.—1½ s.h.
 96. Track.—1½ s.h.
 98. Wrestling.—1½ s.h.

ELECTIVES IN PHYSICAL EDUCATION

Students in Group VI A may elect fifteen semester-hours from the courses offered below. Six semester-hours may be elected from the courses listed under Special Methods in Physical Education and nine semester-hours may be elected from the courses listed under Theory and Practice in Physical Education.

These courses are arranged to meet the increasing demand for teachers who are qualified to coach and teach physical education. These courses should be selected with the advice of the Director of Undergraduate Studies in order to meet the needs of the individual.

SPECIAL METHODS IN PHYSICAL EDUCATION

163. Athletic Coaching in Secondary Schools.—Theory and practice in the fundamentals of coaching baseball and track. Prerequisites: courses 30 or 80 and 21-22 or 46 or 96 or their equivalent. Open to Sophomores, Juniors, and Seniors. 3 s.h. MR. COOMBS, MR. CHAMBERS

164. Athletic Coaching in Secondary Schools.—Theory and practice in the fundamentals of coaching football and basketball. Prerequisites: courses 37 or 87 and 1-2 or 32 or 82 or their equivalent. Open to Sophomores, Juniors, and Seniors. 3 s.h. MR. WADE, MR. STANLEY, MR. CAMERON

THEORY AND PRACTICE IN PHYSICAL EDUCATION

65. **History and Principles of Physical Education.**—A study of the objectives and principles upon which physical education is based. The history of physical education is studied in order to show the changes in objectives, principles, and methods and as an aid in the interpretation of trends. Open to Sophomores, Juniors, and Seniors. 3 s.h. Mr. AYCOCK, MR. GERARD

172. **Recreational Leadership.**—Combative contests, games, mass athletics, supervision of community recreation. Open to Sophomores, Juniors, and Seniors. 3 s.h. MR. GERARD

173. **Individual Gymnastics.**—The diagnosis of abnormal cases, including overweight, underweight, post-operative, postural, and flat-foot cases, with the prescription of exercise for their correction. Open to Sophomores, Juniors, and Seniors. 3 s.h. MR. AYCOCK

182. **The Administration of Health and Physical Education in Secondary Schools.**—Presents the everyday problems that arise in the experience of the teacher of health and physical education. Open to Juniors and Seniors. 3 s.h. MR. AYCOCK, MR. GERARD

187. **School Programs of Physical Education.**—Open to Juniors and Seniors. 3 s.h. MR. GERARD

190. **Protective Practices in Physical Education.**—A study of safety measures including training and first aid. Open to Juniors and Seniors. 3 s.h. MR. CHAMBERS

WOMAN'S COLLEGE

ASSISTANT PROFESSOR GROUT, CHAIRMAN; MRS. BOOKHOUT, MISS DOWLING, MISS LEWIS, MRS. ROGERS, AND MISS SMITH

Six hours of credit in physical education, with an average grade of "C," must be completed for graduation. For women students two hours a week through the Junior year are needed to fulfill this requirement.

All students are given a physical and medical examination upon entering and at intervals throughout their college course. Classes in individual gymnastics and light sports are arranged for those who should not take the more active work.

For information concerning gymnasium costumes and fees refer to pages 166 and 169.

ACTIVITIES OFFERED

October to December: Badminton, bowling, diving, golf, hockey, recreational sports, riding, soccer, swimming, tennis, volleyball.

December to March: Basketball, body mechanics, bowling, clog and tap dancing, folk dancing, social dancing, modern dance, rhythm fundamentals, fencing, individual gymnastics, life saving, riding, swimming, first aid.

March to June: Archery, badminton, bowling, diving, fencing, golf, life saving, modern dance, riding, softball, swimming, tennis, first aid, learning and directing recreational sports.

ELECTIVES IN PHYSICAL EDUCATION

In view of the fact that there is an increasing demand for teachers of general subjects who are qualified to assist in physical education in the public

schools, the following courses are offered as electives for prospective teachers and as introductory courses for students planning to continue the study of physical education as a profession. Students other than those in Group VI do not receive academic credit for these courses with the exception of 108 which is a general elective.

81. History and Principles of Physical Education.—Prerequisite: Educational Psychology. An historical survey of physical education stressing the relation between the types of activity developed and the social and political ideals of different nations and periods. An interpretation of aims and objectives; a study of the relative values of the activities in a program of physical education. 3 s.h. (E)
ASSISTANT PROFESSOR GROUT

102. The Teaching of Physical Education in Elementary Schools.—Required of women students in Group VI B. A course intended to familiarize prospective elementary school teachers with methods and materials used in teaching physical education to children; includes discussions on the theory of physical education, and practice in teaching elementary school activities. Courses 102 and 185 are mutually exclusive. Open to Sophomores, Juniors, and Seniors. 3 s.h. (E)
ASSISTANT PROFESSOR GROUT

108. Problems in Community Recreation.—A study of the historical development of organized recreation; recent trends and theories in recreation; qualifications and preparation for leadership; recreational interests of adolescents and adults; the administration of playgrounds and community centers, including the study of local and state recreational departments; materials and methods for directing recreational activities. Valuable for students interested in community and camp work. Open to Juniors and Seniors. 3 s.h. (E)
MISS DOWLING

181-182. Methods of Teaching Athletic Activities.—A course in the theory and practice of teaching and officiating in team games and athletic sports for girls and women. Open to Juniors and Seniors. 6 s.h. (E)
THE STAFF

185. The Teaching of Physical Education in Secondary Schools.—This course is intended to give prospective high-school teachers an acquaintance with problems connected with physical education in secondary schools in order that they may be better fitted to help with high-school athletics in communities where no physical education teacher is provided. Discussions and practice teaching. Courses 185 and 102 are mutually exclusive. Open to Sophomores, Juniors, and Seniors. 3 s.h. (E)
ASSISTANT PROFESSOR GROUT

HEALTH EDUCATION

41. Personal Health Problems.—A study of health problems from the point of view of the student in college and as a member of society. The course includes essential facts of anatomy and physiology. Either semester. 3 s.h. (E)
MRS. ROGERS

112. School Health Problems.—An introduction to school health problems from the point of view of the classroom teacher. This course includes physical inspection of school children, communicable disease control, teacher health, school plant, safety, and healthful classroom procedures. Required of all students in Group VI B and open to Juniors and Seniors in Group VI A. 3 s.h. (E)
MRS. ROGERS

HISTORY

PROFESSOR LAPRADE, CHAIRMAN; ASSOCIATE PROFESSOR NELSON, DIRECTOR OF UNDERGRADUATE STUDIES; ASSISTANT PROFESSOR HAMILTON, SUPERVISOR OF FRESHMAN INSTRUCTION; PROFESSORS BALDWIN, CARROLL, CLYDE, AND SYDNOR; ASSOCIATE PROFESSOR LANNING; ASSISTANT PROFESSORS MCCLOY, MANCHESTER, QUINN, ROBERT, STILL, AND WOODY; DRs. FERGUSON, PARKER, ROPP, AND WATSON; MESSRS. CHRISTOPHER AND VAN DUSEN; MISS CHAFFIN (PART-TIME)

The undergraduate courses in history are designed to afford (1) an introduction to the study of history by a survey of the history of the modern world; (2) a more intensive study of general American history; (3) opportunities for more advanced study of phases of American, English, European, Hispanic-American, and Eastern history which interest the teachers and students.

Course 1-2 or 51-52 is a prerequisite for all other courses; courses 91 and 92 are prerequisite for courses 114, 119-120, 121-122, 153-154, 209-210, 215-216, 263-264, 265-266. Sophomores who took only one semester of course 1-2 in the Freshman year may be admitted to courses 91 and 92, 61-62, 63-64, or 65-66, provided they made a grade of "B" or above on the semester taken. Courses offered for Seniors and Graduates are limited to twenty-five students; Juniors may not elect them without special permission from the Department and the Council on Graduate Instruction. Sophomores must obtain permission of the instructor in order to be admitted to courses numbered above 100; students who are not fully qualified Sophomores will not be admitted to these courses.

1-2. Historical Background of the World Today.—An introduction to the study of modern history with special reference to the issues in the present world crisis. The work in the first semester, covering the period 1500-1871, deals with such topics as the civilization of the Italian city states, the revolt from the Roman Church and its consequences, the commercial revolution and the early expansion of Europe into Asia and America, the balance of power and the rise of national states, the French Revolution and Napoleon, the industrial revolution, the Holy Alliance and the New World, the unification of Italy and the German Empire. In the second semester attention is given to such subjects as the Western infiltration of eastern Asia and the rise of Japan, the partition of Africa, Latin America and the rise of the United States as a world power, national rivalries and alliances preceding the first World War, the consequences of the peace and the rise of the totalitarian states, the second World War. **6 s.h.** (w & e)

Sophomores and Juniors may not be admitted to this course. Courses 1 and 2 are each offered in both semesters. Either semester may be counted separately as an elective but not as fulfilling the minimum uniform requirements or as a basis of further work in history.

PROFESSORS CARROLL AND CLYDE; ASSOCIATE PROFESSOR NELSON;
ASSISTANT PROFESSORS HAMILTON, MANCHESTER, AND QUINN;
DRs. FERGUSON AND ROPP; MESSRS. CHRISTOPHER AND
VAN DUSEN; MISS CHAFFIN

51-52. Historical Background of the World Today.—An introductory course for Sophomores, Juniors, and Seniors dealing with the topics indicated in the description of course 1-2. **6 s.h.** (w & e)

PROFESSOR BALDWIN, ASSISTANT PROFESSOR MCCLOY,
AND DR. PARKER

Courses 51 and 52 are each given in both semesters.

[Not open to Freshmen or to students who have had course 1-2.]

61-62. Russia and the Near East from Peter the Great to Stalin.—The rise of Russia and its effect on international relations; the break-up of the Ottoman Empire and the formation of the Balkan states; the abolition of serfdom and the Industrial Revolution in Russia; the Russian Revolution; international, agrarian, and industrial policies of the Soviet Union; the Danube basin and the revival of German imperialism in the Near East; Arabian nationalism and the conflict of England and Italy in the Mediterranean area. Prerequisite: course 1-2 or 51-52. **6 s.h. (w)** DR. ROPP
[Not offered in 1942-43]

63-64. Sea Power and Modern Navies.—The work in the first semester, covering the period from the Spanish Armada to the end of the nineteenth century, deals with such topics as the importance of sea power in the wars and rivalries of the sixteenth, seventeenth, eighteenth, and early nineteenth centuries, the rise of the blockade, the shifts from sails to steam and from wood to iron. Among the topics treated in somewhat greater detail in the second semester are the development of the navies of the United States, Great Britain, Germany, and Japan in the twentieth century as influenced by national policies and by the principal wars in which these nations participated, the rise of submarines and air power. **6 s.h. (w)** DR. ROPP

Sophomores, Juniors, and Seniors regularly enrolled in the N.R.O.T.C. may elect this course without the necessity of first taking course 1-2 or 51-52.

65-66. The Social and Cultural History of Western Europe in the Seventeenth and Eighteenth Centuries.—**6 s.h. (w)** ASSISTANT PROFESSOR McCLOY

91. Political and Social History of the United States to 1850.—A general study of the development of the United States, prefaced by a brief review of the Colonial era, covering the period from the Revolution through the Compromise of 1850. **3 s.h. (w & e)** ASSISTANT PROFESSORS ROBERT AND STILL; MR. VAN DUSEN

92. Political and Social History of the United States since 1850.—A consideration of the sectional conflict and its aftermath; the rise of the United States as an industrial nation and a world power; the social, economic, and political implications of participation by the United States in the world wars of the twentieth century. **3 s.h. (w & e)** ASSISTANT PROFESSORS ROBERT AND STILL; MR. VAN DUSEN

Note: In courses 91 and 92 no texts are required, but each student pays a class fee of \$3.00 per semester with which all books to be read are purchased and placed in the libraries. This fee is collected through the Treasurer's Office.

101-102. Early European Civilization.—A study of the development in Western Europe of the institutions and culture of ancient times and the middle ages. **6 s.h. (e)** ASSISTANT PROFESSOR QUINN

Sophomores who made an average grade of "B" or more on course 1-2 may be admitted to this course.

105-106. English Constitutional History.—A history of England with emphasis on constitutional aspects. This course is required of students in the Pre-Legal Group in the Junior or Senior year. **6 s.h. (w)** ASSISTANT PROFESSOR HAMILTON

Students who have had course 123-124 may not receive credit for this course.

107-108. Social and Cultural History of England.—A study of English history from the fourteenth century to the present time in an effort to arrive at a synthesis of social and political events and thus provide a background for the study of English literature. Emphasis is placed on the ages of Chaucer,

Shakespeare, and Milton; the eighteenth and early nineteenth centuries; the reign of Victoria and the twentieth century. 6 s.h. (E) DR. FERGUSON

Sophomores who made an average grade of "B" or above on course 1-2 may be admitted to this course.

109-110. **Political and Cultural Foundations of Modern Europe, 1400-1648.**—Attention is given to the decline of feudal society and the age of faith; the rise of diplomacy and the states-system; humanism and the republic of letters; science and art in the times of Lorenzo de' Medici, Erasmus, Montaigne, Francis Bacon; religious conflict and the idea of tolerance. 6 s.h. (w)

ASSOCIATE PROFESSOR NELSON

114. **History of the United States since Reconstruction.**—Reconstruction and its aftermath; cultural, political, and economic development since 1876, agrarian and labor problems, the rise of large industry, the Spanish War and imperialism, the World War, and post-bellum problems. Prerequisites: courses 91 and 92. 3 s.h. (w)

ASSOCIATE PROFESSOR LANNING

[Not offered in 1942-43]

119-120. **Social and Cultural History of the United States.**—A study of American life and manners with emphasis on trends of literary and artistic expression, on religious, educational, and reform movements, and on the social effects of a changing economy. Prerequisites: courses 91 and 92. 6 s.h. (w)

ASSISTANT PROFESSOR ROBERT

121-122. **The Church in American History.**—Among the subjects considered are the relation of theology and church government to political theory and practice, the social and political results of the Great Awakening and of ecclesiastical controversies, the part played by the Church in the American Revolution and in the making of state constitutions, in education, westward expansion, in the reform movements of the nineteenth century, labor controversies, the Civil and World Wars, and internationalism. Prerequisites: courses 91 and 92. 6 s.h. (E)

PROFESSOR BALDWIN

[Not offered in 1942-43]

123-124. **English History.**—A study of transitions in the political institutions and social development from the Norman Conquest to the present. 6 s.h. (w)

PROFESSOR LAPRADE

Students who have had course 105-106 may not receive credit for this course.

125. **The Ancient Regime, the French Revolution, and Napoleon.**—A study of the intellectual defenses of the Ancient Regime, the crumbling of these defenses during the eighteenth century, the Revolution and recent interpretations of that event, the rise and decline and fall of Napoleon. Readings are assigned from the works of Locke, Voltaire, Montesquieu, and Rousseau; special attention is given to the fall of Napoleon. 3 s.h. (w)

DR. PARKER

126. **The Congress of Vienna and the Rise of the European Nations to 1870.**—A study of European history from the Congress of Vienna through the Franco-Prussian War emphasizing the growth of nationalism and the struggle of liberalism against conservatism, including attention to the Industrial Revolution, socialism, and Darwinism. Readings are assigned from Mill, Mazzini, Marx, and Darwin; special attention is given to the diplomacy of Cavour and Bismarck. 3 s.h. (w)

DR. PARKER

127. **History of Latin America Through the Formation of the National Governments.**—3 s.h. (w)

ASSOCIATE PROFESSOR LANNING

128. **Inter-American Affairs.**—This course treats the relations of the Latin-American states with each other and with the United States with the design of explaining the current significance of Latin America. Chief em-

phasis is placed upon social problems and movements common to all the republics and upon the role of the United States in Latin-American affairs, including such topics as American interventions; contributions of the United States to Latin-American life in such matters as public health; Pan-Americanism; Pan-Hispanism; foreign penetration and ideologies; the cultural and commercial aspects of the Good Neighbor Policy; Latin-American states in the World War and the present conflict. 3 s.h. (w)

ASSOCIATE PROFESSOR LANNING

Ancient History.—Greek 131—Latin 131-132.—See Departments of Greek, Latin and Roman Studies. These courses do not count toward a major in history. (w)

135. **Main Currents in European History, 1815-1914.**—3 s.h. (w)

PROFESSOR CARROLL

136. **Europe since 1914, Including the Rise of the Totalitarian States, Russia, Italy, and Germany; the Second World War.**—3 s.h. (w)

PROFESSOR CARROLL

141-142. **The Far East from Commodore Perry to Chiang Kai-shek.**—Historical interpretations of the role of Eastern Asia in the present World War with attention to such topics as Western imperialism in China and Japan in the nineteenth century; the rise of Japan as a military and industrial power; the emergence of militant Chinese nationalism; the fusion of the Far Eastern and the European wars into a world conflict. 6 s.h. (w)

PROFESSOR CLYDE

153-154. **The History of the South.**—A study, beginning in the Colonial period, of the development of the Southern part of the United States with particular attention to its distinctive characteristics and institutions and to their influence in shaping Southern attitudes toward major questions of national policy. 6 s.h. (w)

PROFESSOR SYDNOR

FOR SENIORS AND GRADUATES

209-210. **American Constitutional History.**—A study of the Colonial foundations of American constitutional attitudes, the constitutional aspects of the American Revolution, the framing and ratification of the Constitution, the statehood process and the extension of democracy, the constitutional implications of sectional conflict, and the Supreme Court in its relation to the problems of an industrial America. Prerequisites: courses 91 and 92. 6 s.h. (w)

ASSISTANT PROFESSOR STILL

211. **The Teaching of History and the Social Studies (Education 225).**—3 s.h. (w)

ASSISTANT PROFESSOR MANCHESTER

215-216. **The Foreign Policy and Diplomacy of the United States.**—The work in the first semester, covering the period 1775-1877, deals with such topics as the origin and development of basic foreign policies; isolation from Europe; paramount interests in Latin America, including the Monroe Doctrine; international cooperation in the Far East. The work in the second semester, covering the period since 1877, deals with topics such as the rise of the new "manifest destiny"; beginnings of American imperialism in Latin America and the Far East; the failure of traditional neutrality in the first World War; postwar conflicts between isolation and collective security; involvement in the second World War. 6 s.h. (w)

PROFESSOR CLYDE

217-218. **Europe since 1870.**—International relations since the Franco-German War is the chief subject of study in this course; special emphasis is placed upon the underlying economic and political influences. 6 s.h. (w)

[Not offered in 1942-43]

PROFESSOR CARROLL

219-220. **The History of the European Proletariat.**—This course is concerned chiefly with the origins, expansion, and organization of the industrial working classes of Europe. The following problems are emphasized: the decline of serfdom, the growth of an urban working class and social revolutions in England, France, and Germany prior to the eighteenth century, the results of the Industrial Revolution, and labor movements and theories during the nineteenth and twentieth centuries. 6 s.h. (w) PROFESSOR CARROLL

223-224. **Medieval Institutions and Culture.**—A consideration of the classical heritage, the Germanic infusion, development of ecclesiastical, feudal, monarchical, and communal institutions, relations of Church and State, the rise of universities, vernacular literatures, philosophy, and art in the period 300-1300 A.D. 6 s.h. (w) ASSISTANT PROFESSOR QUYN

221-222. **The Age of the Renaissance.**—A survey of social and cultural changes in Western Europe from Dante to Erasmus. 6 s.h. (w) ASSOCIATE PROFESSOR NELSON

225-226. **The Age of the Reformation.**—A survey of European civilization from 1500 through the Peace of Westphalia. 6 s.h. (w) ASSOCIATE PROFESSOR NELSON
[Not offered in 1942-43]

230. **The Portuguese Empire and the Rise of Brazil.**—The course deals with Portuguese explorations, the establishment of the Portuguese Empire in the East, the transplanting of Portuguese culture overseas, and the rise of a native Brazilian civilization. 3 s.h. (w) ASSISTANT PROFESSOR MANCHESTER

231. **The Hispanic Colonies of the New World.**—The development of the Iberian states as colonizing powers, the work of the conquerors, the Spanish colonial policy and system, their influences and results, native races, the international contest for supremacy, and the decay of Spanish power in America and the Philippines. 3 s.h. (w) ASSOCIATE PROFESSOR LANNING

232. **Hispanic Republics of the New World.**—3 s.h. (w) ASSOCIATE PROFESSOR LANNING

233. **The Cultural and Institutional History of Colonial Hispanic America.**—3 s.h. (w) ASSOCIATE PROFESSOR LANNING
[Not offered in 1942-43]

234. **Political and Social Problems in the Hispanic American Republics.**—3 s.h. (w) ASSOCIATE PROFESSOR LANNING
[Not offered in 1942-43]

241-242. **Eastern Asia and the Pacific.**—A study of the westernization of China and Japan in the twentieth century with particular attention to the conflict between Western and Eastern political institutions, the rise of industry in Japan, the political and social revolution in China, military socialism in Manchukuo, the development of the Russian Far East, the conflict between Chinese nationalism and Japanese imperialism, and the status of Western colonies, including the intervention of the United States in the Philippines. 6 s.h. (w) PROFESSOR CLYDE
[Not offered in 1942-43]

263-264. **American Colonial History and the Revolution, 1606-1783.**—The growth of institutions and economic life in the English colonies and the American Revolution. Prerequisites: courses 91 and 92. 6 s.h. (w) ASSISTANT PROFESSOR WOODY

265-266. **The Westward Movement in the United States.**—A study of the progress of settlement from the Atlantic to the Pacific Coast with especial attention to the transmission of culture, developments in transportation, the

transition from agrarian to urban communities, the process of state-making, and the social, economic, and political effects of the westward march upon the United States as a whole. Prerequisites: courses 91 and 92. 6 s.h. (w)
 [Not offered in 1942-43] ASSISTANT PROFESSOR STILL

DEPARTMENTAL MAJOR

Prerequisites: The Introductory Course in History (1-2 or 51-52).

Major Requirements: Students in the General Group desiring to take a major in history are required to elect twenty-four semester-hours in the Department, including six semester-hours in the Senior year from courses in the 200 group. Students desiring to take the more advanced courses in American history should elect courses 91 and 92 in the Sophomore or Junior year.

DEPARTMENTAL HONORS PROGRAM

Students may become candidates for Honors in history who have passed with a grade of "B" or better in their Freshman and Sophomore years courses 91 and 92 in addition to the introductory course in European history.

Candidates for Honors in history are required to take in the Junior year two courses in history offered in the 100 group and to make an average grade of "B" or better on this work. The remaining work in the Junior year will be chosen from related work and other electives with the consent of the Departmental Committee on Honors. In the Senior year, in addition to the equivalent of fifteen semester-hours of supervised reading in history, the candidate must elect with the approval of the Departmental Committee on Honors six semester-hours of work from the courses in history offered in the 200 group, on which he is required to make a grade of "B" or better, and nine semester-hours of related or other elective work.

Of the supervised reading, which shall be done under the immediate supervision of members of the Departmental Committee on Honors, the equivalent of six semester-hours shall be devoted to the classical historians such as Herodotus, Thucydides, Tacitus, Livy, Bede, the better-known chronicles, Machiavelli, Gibbon, Hume, Voltaire, Ranke, and others; the equivalent of nine semester-hours shall be devoted to selected fields in either American or European history as the student may elect and the Departmental Committee advise.

At the conclusion of the work the student shall be given an oral examination by a committee of three, consisting of the two members of the Departmental Committee on Honors in charge of his supervised reading and another member of the Department selected by the Departmental Committee.

LATIN AND ROMAN STUDIES

PROFESSOR ROGERS, CHAIRMAN AND DIRECTOR OF UNDERGRADUATE STUDIES; DR. ROSE, SUPERVISOR OF FRESHMAN INSTRUCTION; PROFESSOR ROSBOROUGH; ASSISTANT PROFESSOR GATES

Work is offered in several branches of Roman Studies: Latin Language and Literature, Roman Art and Archaeology, Roman History, Roman Law. Students who present two entrance units in Latin should take course 3-4; those who present three entrance units should take courses 57 and 65 and follow up with courses 4 and 58 or 66, or both, the second semester; those who enter with four units of Latin should pursue course 41-42. A course for beginners, Latin 1-2, is open to all college students.

1-2. Course for Beginners.—Forms, vocabulary, pronunciation and syntax are emphasized the first semester, and will be followed by the reading and translating of Caesar's *Galic War* the second semester. An effort is made to promote rapid development of ability to read easy Latin with satisfaction.
 6 s.h. (w or e) DR. ROSE

3. Cicero's Orations.—Four orations including the *Manilian Law* and *Archias* are read, and attention is paid to prose style. Prerequisite: two entrance units of Latin. 3 s.h. (w) ASSISTANT PROFESSOR GATES OR DR. ROSE

4. Vergil's Aeneid.—Selections from Books I-VI, to the amount of four books or more, will be read and translated, due attention being paid to prosody. Prerequisite: three entrance units and Latin 57 taken in the semester preceding admission to the course, unless Latin 3 was taken. 3 s.h. (w) ASSISTANT PROFESSOR GATES OR DR. ROSE

41. Livy's History of Rome.—Selections from Books I, XXI, and XXII of Livy's *Ab Urbe Condita Libri*, together with selected parallel reading in English, will acquaint the student with a truly great literary artist. At the discretion of the instructor the following may be substituted for Livy: Cicero's *De Amicitia* and *De Senectute*, or Selected Prose Writers, or *Comedies* of Plautus and Terence. 3 s.h. (w & E) THE STAFF

42. Horace.—The Odes and Epodes. 3 s.h. (w & E) THE STAFF

53. Sallust and Tacitus.—The *Jugurtha* of Sallust, the *Agricola* of Tacitus. Prerequisite: Latin 41-42 or an equivalent. 3 s.h. (w or E) DR. ROSE

54. Catullus.—Most of the poems will be read, and Catullus' influence on certain ancient and modern poets will be discussed. 3 s.h. (w or E) DR. ROSE

57. Sight Reading in Classical Latin.—One period of an hour per week devoted to practice in the reading of Latin of the classical period: designed to train students to read with facility. (See course 4.) No outside preparation is required. 1 s.h. (w or E) THE STAFF

58. Sight Reading in Mediaeval Latin.—One period an hour per week devoted to reading interesting mediaeval prose and poetry. Prerequisite: at least one of the following courses: Latin 3, 4, 41, 42, and 57, or an equivalent. No outside preparation is required. 1 s.h. (w or E) DR. ROSE

65-66. Latin Prose Composition.—Recommended to students who are pursuing courses 3-4, 57, and 41-42, and may at the discretion of the instructor be required of such students. 2 s.h. (E) DR. ROSE

101. Tacitus and Suetonius.
[Not offered in 1942-43]

102. Juvenal and Persius.
[Not offered in 1942-43]

103. The Roman Elegiac Poets.—Selected elegies of Tibullus, Propertius and Ovid will be read. The history and development of this literary genre will be studied. 3 s.h. PROFESSOR ROSBOROUGH

104. Horace: Satires and Epistles.—The social satire and poetic literary epistles with considerable attention to the famous *Ars Poetica*. 3 s.h. PROFESSOR ROSBOROUGH

105. Martial's Epigrams.
[Not offered in 1942-43]

106. Letters of Pliny the Younger.
[Not offered in 1942-43]

107. Livy: *Ab Urbe Condita*.
[Not offered in 1942-43]

108. **Cicero's Letters.**—A considerable amount of the interesting and historically important correspondence of Cicero will be read and interpreted. 3 s.h. (E) ASSISTANT PROFESSOR GATES

109. **Materials and Methods.**—A study of Latin in the secondary school curriculum for prospective teachers of Latin in the high schools. Prerequisite: eighteen approved semester-hours of college Latin, including courses 41-42, 53-54, or equivalent courses. Required of students who plan to teach Latin in state high schools. 3 s.h. ASSISTANT PROFESSOR GATES

111-112. **Roman Literature in English Translation.**
[Not offered in 1942-43]

113-114. **Roman Civilization.**
[Not offered in 1942-43]

115-116. **Art and Architecture of Ancient Rome.**
[Not offered in 1942-43]

131-132. **History of Rome.**—A survey of the history of Rome from its beginnings through the Monarchy, Republic and Principate to the death of Justinian; Rome's expansion; development of the Roman constitution and public administration; a study of important features of social, legal, political, and economic problems of perennial life and interest. (This course carries no language credit. No knowledge of Latin is required for admission.) 6 s.h. (w) PROFESSOR ROGERS

203-204. **Roman Epic: Ennius, Vergil, Manilius, Lucan, Flaccus, Statius, Silius.**—A study of this literary genre, and its development by Roman writers; extensive reading of the Roman epics. Not offered if 205-206 is given. 6 s.h. (E) ASSISTANT PROFESSOR GATES

205-206. **Roman Drama.**—Select comedies of Plautus and Terence; select tragedies of Seneca. Rapid reading course. 6 s.h. (E) ASSISTANT PROFESSOR GATES

207-208. **Roman Philosophy.**—Extensive reading in the philosophical writings of Cicero, Lucretius and Seneca. 6 s.h. (E or w) PROFESSOR ROSBOROUGH

209-210. **Vulgar Latin: Introduction to Romance Philology.**
[Not offered in 1942-43]

211-212. **Roman Oratory.**—A reading course in the history and development of Roman Oratory, based for the most part on Cicero's *Brutus* and the *Dialogus* of Tacitus. 6 s.h. (E or w) PROFESSOR ROGERS

215. **Roman Art and Archaeology.**
[Not offered in 1942-43]

216. **Topography and Monuments of Ancient Rome.**—A study of the site of Rome, its development and expansion; city plan; public buildings, dwellings, theatres, fora, shops, sewers, aqueducts, etc.; materials and methods of construction. 3 s.h. (w) PROFESSOR ROSBOROUGH

For other courses numbered in the 200 group, see the *Bulletin of the Graduate School*.

DEPARTMENTAL MAJOR

Prerequisites: Latin 41-42, 65-66, or acceptable equivalents.

Major Requirements: Latin 53-54, 101-102, six semester-hours in courses numbered from 103 to 108, and six semester-hours in courses numbered from 200 to 299 to be taken in the Senior year.

In addition, all majors are expected to pursue course 131-132, History of Rome.

Majors who contemplate graduate work are reminded of the necessity of Greek, German and French for such study.

LAW COURSES FOR ACADEMIC STUDENTS

The first-year program of the Law School will include the following courses:

<i>Subject</i>	<i>Semester-Hours</i>
Agency	2
Contracts	6
Criminal Law and Its Administration	3
Family Law	2
Introduction to Law Study	2
Introduction to Procedure	3
Legal Bibliography	2
Personal Property	2
Possessory Estates	2
Torts	5
	29

The foregoing courses will be distributed between two semesters. The adoption by the School of Law of a three-semester year during the war emergency has required the readjustment of the curriculum for the purpose of confining each course to a single semester. The arrangement of courses will permit beginning students to enter the Law School at the start of any semester. The first two semesters taken by such students will constitute their first-year program. At the time of publication of this announcement, the distribution of the above courses between semesters had not been completed. For further information concerning the wartime program, inquiry should be made of the Dean of the School of Law.

MATHEMATICS

PROFESSOR GERGEN, CHAIRMAN; PROFESSOR ELLIOTT, DIRECTOR OF UNDERGRADUATE STUDIES; ASSISTANT PROFESSOR HICKSON, SUPERVISOR OF FRESHMAN INSTRUCTION; PROFESSORS RANKIN AND THOMAS; ASSOCIATE PROFESSORS CARLITZ AND ROBERTS; ASSISTANT PROFESSORS DRESSSEL AND PATTERSON; DR. BOAS; MRS. BOAS (PART-TIME); AND ASSISTANTS

Students in the Naval R. O. T. C. must complete Mathematics 7 or the equivalent. Candidates for the Bachelor of Science degree and students in the Pre-Medical Group must complete Mathematics 7 and 8 or Mathematics 7 and 50 or the equivalent. Mathematics 50 is recommended for students who plan to take Mathematics 51-52. Mathematics 8 is recommended for students who plan not to take Mathematics 51-52. Students in the Business Administration Group must complete Mathematics 3-4 or the equivalent. Students in the Business Administration Group who are in the Naval R. O. T. C. may meet their requirement by completing Mathematics 7 and 8 or Mathematics 7 and 50 or the equivalent. Placement tests are administered to all entering students planning to take courses in mathematics. Students deficient in algebra of whom Mathematics 7 or the equivalent is required must complete Mathematics 1 and 2 to meet this requirement. Those deficient in algebra wishing to take Mathematics 3 must first take Mathematics 1.

Credit is allowed for half of a double course.

1. **Introduction to College Algebra.**—Review of elementary algebra, topics in college algebra. 3 s.h. (W & E) ASSISTANT PROFESSOR HICKSON AND STAFF

2. **Plane Trigonometry.**—Prerequisite: Mathematics 1 or the equivalent. 3 s.h. (W): each semester. (E): second semester.

ASSISTANT PROFESSOR HICKSON AND STAFF

3-4. **Mathematical Analysis for Students of Business.**—First half: review topics in algebra, functions and graphs, exponents, radicals, quadratic functions, the binomial theorem, logarithms, progressions, interest and annuities, permutations, combinations, probability. Second half: trigonometric functions, solution of right triangles, curve and equation, linear equation, differentiation of algebraic functions, applications with emphasis on problems in business. The normal first course for students in the Business Administration Group who are not in the Naval R. O. T. C. 6 s.h. (W): Mathematics 3 each semester; Mathematics 4 each semester. (E): Mathematics 3 first semester; Mathematics 4 second semester.

ASSISTANT PROFESSOR HICKSON AND STAFF

7. **Algebra and Trigonometry.**—Review of elementary algebra, topics in college algebra, plane trigonometry. The normal first course for candidates for the Bachelor of Science degree, for students in the Pre-Medical Group, and for those in the Naval R. O. T. C. 3 s.h. (W & E)

PROFESSOR ELLIOTT AND STAFF

8. **Introduction to Analytic Geometry and Calculus.**—Curve and equation, linear and second degree equations and their loci, differentiation of algebraic functions with applications, integration of polynomials with applications. The normal course for students who have completed Mathematics 1 and 2 or Mathematics 7 and who wish only a brief introduction to analytic geometry and calculus. Students who prefer the more detailed study of these subjects offered in Mathematics 50 and 51-52 should take Mathematics 50 rather than this course. 3 s.h. (W): each semester. (E): second semester.

PROFESSOR ELLIOTT AND STAFF

9-10. **First-Year Engineering Mathematics.**—College algebra, plane trigonometry, introduction to spherical trigonometry, plane analytic geometry, introduction to solid analytic geometry. Designed primarily for students in the Engineering Groups. 10 s.h. (E)

ASSISTANT PROFESSOR PATTERSON AND STAFF

15. **Spherical Geometry and Trigonometry.**—Geometric properties of the sphere, theory and computation for spherical triangles, applications to navigation and astronomy. *Each semester.* Prerequisite: Mathematics 7 or the equivalent. 3 s.h. (W)

ASSISTANT PROFESSOR DRESSSEL AND STAFF

50. **Analytic Geometry.**—Rectangular and polar co-ordinates, loci, straight lines, conic sections, introduction to solid analytic geometry. Prerequisite: Mathematics 7 or the equivalent. 3 s.h. (W): each semester. (E): second semester.

(W): DR. BOAS (first semester) and

PROFESSOR GERGEN (second semester);

(E): PROFESSOR ELLIOTT (second semester)

51-52. **Differential and Integral Calculus.**—First half (Differential Calculus): differentiation of elementary functions, curve tracing, maxima and minima, differentials, curvature, motion problems, infinite series. Second half (Integral Calculus): indefinite integrals, definite integrals, applications, partial differentiation, multiple integrals. Prerequisite: Mathematics 50 or permission from the instructor. 6 s.h. (W): Mathematics 51 each semester; Mathematics 52 each semester.

PROFESSOR ELLIOTT (51 first semester, 52 second semester);

DR. BOAS (51 second semester);

ASSOCIATE PROFESSOR CARLITZ (52 first semester)

59-60. **Second-Year Engineering Mathematics.**—A correlated development of differential and integral calculus. Designed primarily for students in the Engineering Groups. Prerequisite: Mathematics 9-10 or the equivalent. 8 s.h. (E) ASSISTANT PROFESSOR PATTERSON AND STAFF

63. **Graphical and Numerical Computation.**—Computation by series, interpolation, approximation of lengths and areas, construction of charts and tables of use in ordnance and gunnery. Prerequisite: Mathematics 7 or the equivalent. 3 s.h. (w) PROFESSOR THOMAS

64. **Mathematics of Artillery Fire.**—A mathematical discussion of orientation and gunnery for artillery. Methods for locating gun and target. The trajectory in vacuo and in air, range table corrections, and fire control. Prerequisite: Mathematics 7 or the equivalent. 3 s.h. (w) PROFESSOR THOMAS

71. **Mathematics of Investment.**—Simple and compound interest, annuities certain, amortization, sinking funds, depreciation, evaluation of bonds, life insurance. Designed primarily for students in the Business Administration Group. Prerequisite: 6 semester-hours of college mathematics. 3 s.h. (w) ASSISTANT PROFESSOR HICKSON

74. **Statistics.**—Averages, measures of dispersion, skewness and correlation, probable error, curve fitting, graduation of data to type curves, index numbers, applications to problems in business and other fields. Prerequisite: 6 semester-hours of college mathematics. Offered in alternate years. 3 s.h. (w) ASSISTANT PROFESSOR HICKSON

76. **Mathematical Theory of Economics.**—A study from a mathematical point of view of cost and demand functions, monopoly, competition, co-operation, exchange, utility, and production; supplementary review and development of the essential mathematical ideas. Offered in alternate years. Prerequisite: Mathematics 4 or the equivalent. 3 s.h. (w) ASSISTANT PROFESSOR HICKSON [Not offered in 1942-43]

131. **Elementary Differential Equations.**—Solution of elementary types; formation and integration of equations arising in applications. Prerequisite: integral calculus. 3 s.h. (E) ASSISTANT PROFESSOR HICKSON

139-140. **Second Course in Calculus.**—Multiple integrals, partial differentiation, Taylor's theorem, envelopes, line integrals, Green's theorem, improper integrals, complex numbers. Prerequisite: integral calculus. 6 s.h. (w) PROFESSOR ELLIOTT

160. **Elementary Solid Analytic Geometry.**—Determinants, planes, straight lines, quadric surfaces. Offered in alternate years. Prerequisite: integral calculus. 3 s.h. (w) ASSOCIATE PROFESSOR CARLITZ

161-162. **Reading Course for Juniors.**—Open only to Juniors reading for Honors in Mathematics. Material, credit, and hours arranged in consultation with tutor. See Departmental Honors Program.

163-164. **Reading Course for Seniors.**—Open only to Seniors reading for Honors in Mathematics. Material, credit, and hours arranged in consultation with tutor. See Departmental Honors Program.

FOR SENIORS AND GRADUATES

201. **History of Mathematics.**—Evolution of the number system, arithmetic, geometry, algebra, trigonometry, analytic geometry, calculus, and modern geometry. Brief sketches of mathematicians. Offered in alternate years. Prerequisite: differential calculus. 3 s.h. (E) PROFESSOR RANKIN [Not offered in 1942-43]

204. **Teaching of Mathematics.**—Fundamental processes, methods of study, mathematical literature, content of courses, applications, use of instruments, correlation of different branches, historical development of secondary school mathematics. *Offered in alternate years.* Must be preceded or accompanied by integral calculus. 3 s.h. (E) PROFESSOR RANKIN
 [Not offered in 1942-43]

225. **Theory of Equations.**—Permutations, determinants, matrices, linear systems, polynomials and their roots, constructibility, resultants, discriminants, simultaneous equations. *Second semester. Offered in alternate years.* Prerequisite: integral calculus. 3 s.h. (w) PROFESSOR THOMAS
 [Not offered in 1942-43]

227-228. **Theory of Numbers.**—Congruences, arithmetic functions, compound moduli, quadratic reciprocity, Gauss sums, quadratic forms, sums of squares. Prerequisite: integral calculus. 6 s.h. (w) ASSOCIATE PROFESSOR CARLITZ

229-230. **Algebraic Numbers.**—Ideals, unique factorization, divisors of the discriminant, determination of the class number. Prerequisite: Mathematics 225. 6 s.h. (w) ASSOCIATE PROFESSOR CARLITZ
 [Not offered in 1942-43]

235-236. **Modern Algebra.**—Groups, fields, rings, matrices, quadratic and bilinear forms, general Galois theory, hypercomplex systems. Prerequisite: integral calculus. 6 s.h. (w) ASSOCIATE PROFESSOR CARLITZ
 [Not offered in 1942-43]

255-256. **Projective Geometry.**—Postulational, synthetic treatment centering around Desargues' theorem and the principle of projectivity. Conics, coordinates, order, continuity, metric properties. Prerequisite: integral calculus. 6 s.h. (w) PROFESSOR THOMAS
 [Not offered in 1942-43]

271-272. **Introductory Topology.**—Topological properties of Euclidean spaces; set-theoretic and combinatorial methods. Prerequisite: integral calculus. 6 s.h. (w) ASSOCIATE PROFESSOR ROBERTS

275. **Probability.**—Combinatory analysis, mean values, Bernoulli's theorem, probability integral, applications to statistics. Prerequisite: integral calculus. 3 s.h. (w) DR. BOAS
 [Not offered in 1942-43]

281. **Elementary Potential Theory.**—Newtonian potentials, vector fields, Dirichlet and Neumann problems. *Offered in alternate years.* Prerequisite: integral calculus. 3 s.h. (w) PROFESSOR GERGEN

282. **Differential Equations of Mathematical Physics.**—Hamilton-Jacobi equation, heat equation, wave equation, telegraphic equation, Schrödinger's equation. *Offered in alternate years.* Prerequisite: integral calculus. 3 s.h. (w) ASSISTANT PROFESSOR DRESSEL

283. **Fourier Series and Spherical Harmonics.**—Fourier series and integrals, Legendre polynomials, spherical harmonics, Bessel functions, applications to mathematical physics. *Second semester. Offered in alternate years.* Prerequisite: integral calculus. 3 s.h. (w) ASSISTANT PROFESSOR DRESSEL
 [Not offered in 1942-43]

284. **Vector Analysis.**—Vectors in three-dimensional Euclidean space with applications to physics; introduction to tensor analysis. *First semester. Offered in alternate years.* Prerequisite: integral calculus. 3 s.h. (w) PROFESSOR THOMAS
 [Not offered in 1942-43]

287. **Mathematical Logic.**—Boole-Schroeder algebra of logic, system of Principia Mathematica, strict and material implication. 3 s.h. (w)
[Not offered in 1942-43] ASSOCIATE PROFESSOR CARLITZ

288. **Foundations of Mathematics.**—Postulates for groups, fields, rings, Boolean algebras. 3 s.h. (w)
[Not offered in 1942-43] ASSOCIATE PROFESSOR CARLITZ

291-292. **Theory of Functions.**—Fundamental concepts in the theory of functions of real and complex variables. Limits, implicit functions, power series, double series, Stieltjes integrals, Cauchy's theorem and its applications, residues, Riemann surfaces, conformal mapping. Prerequisite: second course in calculus. 6 s.h. (w)
[Not offered in 1942-43] PROFESSOR GERGEN

DEPARTMENTAL MAJOR

Prerequisite: Six semester-hours of Freshman mathematics.

Major Requirements: Mathematics 51-52 or 59-60 and twelve semester-hours in courses numbered above 100. These twelve hours must be approved by the Department through the Director of Undergraduate Studies.

DEPARTMENTAL HONORS PROGRAM

Prerequisites: A student who meets the general requirement as to candidacy of the Honors Group, who has completed Mathematics 51 or 59 and who has earned an average grade of "B" or better in his courses in mathematics, may become a candidate for Honors.

Honors Work:

(a) *Work in Mathematical Courses:* To graduate with Honors a candidate must complete, during his Honors program, a minimum of eighteen semester-hours of course work in regular open courses numbered above 100. These courses must be completed with an average grade of "B" or better.

(b) *Tutorial Work:* During his Honors program a candidate reads on special topics in mathematics under the personal supervision of a tutor. A candidate must earn a minimum of six semester-hours of credit in his tutorial work. He cannot earn more than nine semester-hours in his tutorial work, nor more than thirty-six semester hours for his course work in mathematics and his tutorial work combined.

(c) *Work in Courses in Related Fields:* A candidate must earn a sufficient number of semester-hours of credit in courses in related fields to complete with the credit obtained in (a) and (b) the sixty semester-hours required in the Honors Group.

A candidate's program must be approved by the Departmental Honors Advisor.

General Honors Examination: At the end of his Senior year each candidate reading for Honors in Mathematics must pass a comprehensive examination on his Honors program. This examination may be written, oral, or both. Faculty members from other departments and other institutions may be invited to participate in this examination.

MUSIC

DEAN BALDWIN, ACTING CHAIRMAN; MR. BRUINSMA, DIRECTOR OF UNDERGRADUATE STUDIES; MR. BROADHEAD, SUPERVISOR OF FRESHMAN INSTRUCTION;
MISS EIDAM

THEORY

11-12. **Fundamentals of Music.**—The elements of harmony, rhythm, and form. The visual and aural recognition of scales, intervals, triads, and seventh chords and their functions in relation to the system of tonality. Harmonization

of melodies; development of rhythmic discrimination. A general background for advanced courses in the department. Students will meet with the instructor in small groups an additional hour each week. Two sections throughout the year. A third section of Music 11 will begin the second semester, followed by Music 12 to be offered the first semester, 1943-44. 6 s.h. (E)

MISS EIDAM AND MR. BRUINSMA

61-62. Counterpoint, Canon, and Fugue.—Strict counterpoint in the "five species" melodious part writing with a restricted harmonic basis. Composition in the polyphonic forms, notably canon and fugue in the second semester. Prerequisite: Music 11-12. 6 s.h. (E)

MR. BROADHEAD

71-72. Analysis of Form.—The evolution of the polyphonic and homophonic forms from the Middle Ages to modern times. The functions of phrases, sentences, periods, in the construction of various harmonic forms. Detailed analysis of representative works. Prerequisite: Music 11-12. 6 s.h. (E)

MR. BRUINSMA

111-112. Harmony.—The principles of composition from the standpoint of the composer. Proficiency in harmonization of melodies, modulation, ornamentation, and original work in the smaller forms is required. Continuation of aural training. Prerequisite: Music 11-12. 6 s.h. (E)

MR. BRUINSMA

121-122. Orchestration and Conducting.—The history, technical restrictions, and orchestral use of the instruments of the modern orchestra. Scores will be studied and arrangements made by the class. One period a week will be devoted to the technique of the baton, vocal and instrumental score reading. Prerequisite: Music 11-12. 6 s.h. (E)

MR. BRUINSMA

HISTORY AND CRITICISM

81-82. Introduction to Musical Literature.—An historical survey of the evolution of music from ancient times to the present. An elementary study of the basic principles of form and of musical esthetics to serve as a basis of criticism. 6 s.h. (E)

MR. BROADHEAD

131. Symphonic Literature.—The historical background and development of music for the orchestra. A critical and analytical study of orchestral suites, overtures, and symphonies. Scores and records will be used. Prerequisite: Music 81-82 or consent of instructor. 3 s.h.

MISS EIDAM

132. Symphonic Literature.—A continuation of Music 131 with emphasis upon the Symphonic Poem. Prerequisite: Music 131 or consent of instructor. 3 s.h. (E)

MISS EIDAM

142. Organ Literature.—Historical development of music for the organ from the sixteenth century to the present. Styles, forms, peculiarities of composition due to the nature of the instrument. A brief introduction on the construction of early and modern organs. Prerequisite: Music 81-82. 3 s.h. (W)

MR. BROADHEAD

[Not offered in 1942-43]

197. Bach.—A detailed study of Bach, his times, and his music. 3 s.h. (E)

MR. BROADHEAD

198. Beethoven.—A detailed study of Beethoven, his times, and his music. 3 s.h. (E)

MR. BROADHEAD

MUSIC EDUCATION

101. Vocal Methods.—A study of materials and methods of teaching vocal music in public schools. Treatment of the child voice, rote singing, chord singing, voice testing, balance, organization, and supervision. Observation of work done in the public schools. High-school glee club literature. Prerequisite: Music 11-12. 3 s.h. (E)

MR. BRUINSMA

102. Instrumental Methods.—A study of materials and methods of teaching orchestral instruments, organization, supervision. Observation of work in the public schools. Literature for band and orchestra. Prerequisite: Music 11-12. 3 s.h. (E) MR. BRUINSMA

151-152. Fundamentals of Music for Education Students.—Primarily designed for students who desire to qualify for the State Teaching certificate. The elements of harmony, rhythm, form, and a study of material and methods of music teaching in the first eight grades. Not open to students who have had Music 11-12. 6 s.h. (E) MR. BRUINSMA

APPLIED MUSIC

Instruction in organ, piano, violin, violoncello, and voice is available to Duke University students. Membership in the Chapel Choir, the Glee Clubs, Bands, and Symphony Orchestra is open to those who can qualify.

Organ.....Mr. Edward Hall Broadhead
 Piano.....Mr. Henry A. Bruinsma
 Violoncello.....Miss Mary Eidam
 Vocal Ensembles.....Mr. and Mrs. J. Foster Barnes
 Instrumental Ensembles.....Mr. Robert Fearing

DEPARTMENTAL MAJOR

IN PUBLIC SCHOOL MUSIC

The Department of Music has set up the following minimum requirements within the thirty hours of credit required by the North Carolina Department of Public Instruction for the Music Teaching Certificate: Music 11-12, 6 s.h.; Music 81-82, 6 s.h.; Music 101, 102, 6 s.h.; music electives, 12 s.h.

Each candidate must demonstrate his ability to play simple accompaniments and hymns at sight, and must be a member in good standing of at least one University Musical Organization (Band, Orchestra, Choir, or Glee Club) for a minimum of two years.

The major requirements above are in addition to the professional requirements of the North Carolina Department of Public Instruction which are common to all certificates. This certificate qualifies a person for both High School and Elementary School teaching.

For required Education courses refer to the Department of Education.

In Music Theory:

Prerequisite: Music 11-12. Major Requirements: Music 61-62, 111-112, 81-82, and six semester hours of general music electives.

In Music History:

Prerequisite: Music 11-12. Major Requirements: Music 81-82, 131-132, 197-198, and six semester hours of general music electives.

NAVAL SCIENCE AND TACTICS

PROFESSOR CLAY, CAPTAIN, U. S. NAVY, RETIRED; ASSOCIATE PROFESSOR PIERSON, LIEUTENANT COMMANDER, U. S. NAVY; ASSISTANT PROFESSOR SEAGROVES, LIEUTENANT, U. S. NAVY

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|--|-------|
| 1. Seamanship.—3 s.h. (w) | STAFF |
| 2. Naval History and Administration.—3 s.h. (w) | STAFF |
| 51-52. Navigation and Nautical Astronomy.—6 s.h. (w) | STAFF |
| 101. Ordnance and Engineering.—3 s.h. (w) | STAFF |
| 102. Gunnery and Electricity.—3 s.h. (w) | STAFF |
| 151. Communications and Military Law.—3 s.h. (w) | STAFF |
| 152. Aviation and International Law.—3 s.h. (w) | STAFF |

PHILOSOPHY

PROFESSOR WIDGERY, CHAIRMAN; ASSOCIATE PROFESSOR MORGAN, DIRECTOR OF UNDERGRADUATE STUDIES; DR. MCLARTY, SUPERVISOR OF FRESHMAN INSTRUCTION; PROFESSORS GILBERT AND SMITH; ACTING PROFESSOR DUBS; AND ASSOCIATE PROFESSOR LEONARD

For courses marked * there is a prerequisite of three hours of philosophy; admission otherwise by permission of the instructor. Sophomores may in general take courses prescribed for Juniors by permission of the instructor.

48. Introduction to Logic and Scientific Method.—The general principles of logical thinking: the nature of the logical processes involved in the attainment of knowledge in mathematics, the sciences, history, and philosophy. The character of systematic exposition. 3 s.h. (w) ASSOCIATE PROFESSOR LEONARD

95. Introduction to Ethics.—An elementary consideration of some of the important moral problems in the light of philosophical tradition and the science of values. Sophomores and approved Freshmen. First semester (w). Second semester (E). 3 s.h. PROFESSOR GILBERT AND ASSOCIATE PROFESSOR MORGAN

96. The Development of American Philosophy.—3 s.h. (w)
ASSOCIATE PROFESSOR MORGAN

101. Introduction to Philosophy.—This course is intended to acquaint the student with the nature of philosophical problems. First semester (w) and (E). Second semester (w). 3 s.h. (w) PROFESSOR WIDGERY (*first semester*)
DR. MCLARTY (*second semester*)
(E) PROFESSOR GILBERT

103. Logic.—Fundamental principles of valid reasoning. 3 s.h. (w)
[In alternate years—offered in 1942-43] ASSOCIATE PROFESSOR LEONARD

104. Scientific Methodology.—A survey of the methods used in various natural and social sciences. 3 s.h. (w) ASSOCIATE PROFESSOR LEONARD
[In alternate years—offered in 1942-43]

105. Introduction to the History of Philosophy: Ancient and Medieval.—A study of the great philosophical thinkers with special reference to the problems of a philosophy of human life. 3 s.h. (w) DR. MCLARTY

106. Introduction to the History of Philosophy: Modern.—A study of the great philosophical thinkers with special reference to the problems of a philosophy of human life. 3 s.h. (w) PROFESSOR WIDGERY AND DR. MCLARTY

108. Philosophical Ideas in Ancient Greek and Roman Culture.—3 s.h. (w)
DR. MCLARTY

114. Seventeenth-Century Philosophy, with Special Reference to Spinoza.*
—3 s.h. (E) PROFESSOR GILBERT

119. Fundamentals of Christian Morality: An Introduction to Christian Ethics.—3 s.h. (w) DR. MCLARTY

121. The Philosophy of Plato.—Lectures, readings and reports. Reference will be made to some influences of Platonic modes of thought in English literature. 3 s.h. (w) DR. MCLARTY

FOR SENIORS AND GRADUATES

201-202. The Philosophy of Art.—Study of the various phases of the aesthetic experience and forms of beauty with analysis of examples. Particular attention will be given to recent writers on aesthetics. 6 s.h. (E)
[In alternate years—offered in 1942-43] PROFESSOR GILBERT

203. **The Philosophy of Conduct.**—A critical study of the fundamental problems of ethics. 3 s.h. (w)*
ASSOCIATE PROFESSOR MORGAN

205. **The Philosophy of History.**—An inquiry into the logic and methodology of the knowledge of history, and into the metaphysical implications of history. 3 s.h. (w)
PROFESSOR WIDGERY
[In alternate years—offered in 1942-43]

208. **Political Philosophy.**—A critical investigation of the bases of political authority and of the ideals of political organization, with reference to prevalent political systems. 3 s.h. (w)
ASSOCIATE PROFESSOR MORGAN
[In alternate years—offered in 1942-43]

209-210. **The Philosophy of Religion.**—A critical consideration of the data of empirical religion and the constructive development of a modern philosophy of religion. 6 s.h. (w)
PROFESSOR WIDGERY
[In alternate years—not offered in 1942-43]

211. **Philosophy of Civilization.**—The meaning and standards of civilization; its growth, decay, and survival. 3 s.h. (w)
ASSOCIATE PROFESSOR MORGAN

213-214. **History of Esthetics.**—The tracing of the historical solutions of traditional problems, such as the nature of imitation, symbolism, the ugly, the sublime, and the comic, the relation of art to nature, to morals, and to economics, the relation of the particular arts to each other, the standard of taste. 6 s.h. (e)
PROFESSOR GILBERT
[In alternate years—not offered in 1942-43]

215. **Christian Ethics I.**—A historical and systematic study of Christian conceptions of the moral life and its problems. First semester (w) 3 s.h. Religion 291.
PROFESSOR SMITH

216. **Christian Ethics II.**—A critical consideration of selected modern social problems from the viewpoint of Christian ethics. (w) 3 s.h.
PROFESSOR SMITH

217. **The Philosophy of Aristotle.***—Prerequisite: course 105.
DR. McLARTY

224. **Contemporary Philosophy.**—A study of the leading philosophical movements in Europe and America in the last fifty years. 3 s.h. (w)
[Not offered in 1942-43]
PROFESSOR WIDGERY

226. **The History of Ethics.**—Theories of morality from Socrates to the present time. 3 s.h. (w)*
ASSOCIATE PROFESSOR MORGAN
[In alternate years—not offered in 1942-43]

231-232. **Philosophy of Science.**—A historical and critical survey of the relations of natural science to general philosophy. 6 s.h. (w)
ASSOCIATE PROFESSOR LEONARD

236. **Oriental Philosophy I.**—Chinese Philosophy. 3 s.h. (w)
[In alternate years—not offered in 1942-43]
ACTING PROFESSOR DUBS

238. **Oriental Philosophy II.**—Indian Philosophy. 3 s.h. (w)
[In alternate years—offered in 1942-43]
PROFESSOR WIDGERY

241. **Logic.**—The characteristic structure of a logical system. Forms of propositions and of arguments. Logical relations of propositions. Levels of analysis. 3 s.h. (w)
ASSOCIATE PROFESSOR LEONARD
[In alternate years—not offered in 1942-43]

242. **Scientific Methodology.**—A survey of the methods used in the different branches of the natural and social sciences in seeking and testing knowledge. 3 s.h. (w)
 [In alternate years—not offered in 1942-43] ASSOCIATE PROFESSOR LEONARD

244. **Nietzsche and the Nineteenth Century.**—Studies in the major trends of intellectual life of the period, focused around the work of Nietzsche. 3 s.h. (w)
 [In alternate years—offered in 1942-43] ASSOCIATE PROFESSOR MORGAN

245-246. **Philosophical Foundations of Religious Belief.**—6 s.h. (w)
 [In alternate years—offered in 1942-43] ACTING PROFESSOR DUBS

248. **Philosophy of Values.**—First semester. 3 s.h. (w)
 [In alternate years—offered in 1942-43] ACTING PROFESSOR DUBS

RELATED COURSES IN OTHER DEPARTMENTS

Education 200. Introduction to the Philosophy of Education.

Greek 107-108. Plato.—Euripides.

Greek 209-210. Plato.

History 221-222. The Age of the Renaissance.

Mathematics 287. Mathematical Logic.

Mathematics 288. Foundations of Mathematics.

Physics 213-214. Contemporary Physics.

Political Science 223. Political Thought to the Seventeenth Century.

Political Science 224. Modern Political Theory.

Psychology 228. Psychology of Belief.

DEPARTMENTAL MAJOR

The student is required to take courses amounting to at least eighteen credit hours in the Department. Of these six must be Philosophy 105-106, Introduction to the History of Philosophy; and six must be from courses in the 200 series. The student is advised to consult with an instructor in the Department as to the courses most suitable to fit in his general plan of study.

PHYSICS

PROFESSOR NIELSEN, CHAIRMAN; PROFESSOR HATLEY, DIRECTOR OF UNDERGRADUATE STUDIES; ASSISTANT PROFESSOR CARPENTER, SUPERVISOR OF FRESHMAN INSTRUCTION; PROFESSORS EDWARDS, NORDHEIM, SPONER; ASSISTANT PROFESSORS CONSTANT AND MOUZON; DRs. BONNER AND HEBB; AND ASSISTANTS

The courses in physics are designed to meet the needs of three classes of students: (1) those desiring to specialize in physics with a view to work in teaching or investigation; (2) those intending to pursue the study of medicine, biology, or chemistry; (3) those looking forward to the study of engineering. The work of the first year is designed to lay a broad foundation for subsequent study.

An elementary knowledge of the calculus and credit for 12 semester-hours in physics is required in all courses numbered 200 and above.

1-2. Introductory Physics.—This course traces historically and experimentally the development of great principles. It stresses neither mathematical processes nor exact measurements. This course is open to Freshmen, Sophomores, and Juniors and meets the general science requirement. Three-hour recitation and two-hour laboratory. 8 s.h. (w & E)

ASSISTANT PROFESSOR CARPENTER; PROFESSORS EDWARDS AND HATLEY; DR. HEBB; AND ASSISTANTS

17-18. Engineering Physics.—A course covering the field of general physics with emphasis on fundamental principles. Open only to Engineering students. 6 s.h. (E) ASSISTANT PROFESSOR MOUZON; DRs. BONNER AND HEBB

51-52. General Physics.—This course is designed for Sophomores and Juniors. It meets in a thorough way the requirements for entrance into the study of medicine and is well suited for the general science student. A limited number of Freshmen who present physics for entrance and who are taking the required mathematics concurrently may be admitted by permission of the instructor. Three lectures and two laboratory periods each week. Prerequisite: Mathematics 7-8 or equivalent. 10 s.h. (w)

PROFESSOR HATLEY; ASSISTANT PROFESSOR CARPENTER; AND DR. BONNER

57-58. Engineering Physics.—This course is a continuation of Physics 17-18 open to engineering students upon satisfactory completion of 17-18. Two lectures (E) and one three-hour laboratory (w) each week. 6 s.h.

ASSISTANT PROFESSOR MOUZON; DRs. BONNER AND HEBB

59-60. Elementary Atomic Physics.—A lecture and demonstration course dealing in a descriptive manner with modern developments in physics. During the second semester particular emphasis will be placed on the specific applications of the results and methods of modern physics to the fields of medicine and industry. Prerequisite: a year course of college physics and the calculus completed or taken concurrently. 6 s.h. (w) PROFESSOR NIELSEN
[Not offered in 1942-43]

61. Mechanics.—This course covers in a thorough manner the elements of general mechanics. Special emphasis is placed on the solution of problems. Two lectures and one two-hour laboratory or problem period per week. Prerequisite: a year course of college physics and the calculus completed or taken concurrently. 3 s.h. (w) DR. BONNER

62. Heat.—A study of thermometry, specific heats, thermal expansion, transfer of heat, change in state, saturated vapor, hygrometry, the laws of thermodynamics and pyrometry. Two lectures and one two-hour laboratory per week. Prerequisite: a year course in college physics and the calculus completed or taken concurrently. 3 s.h. (w) ASSISTANT PROFESSOR CARPENTER

65-66. Intermediate Physics.—Lecture demonstrations and recitations. A course, to follow Physics 1-2 or its equivalent, covering selected topics and including a more advanced treatment of electricity and light during the first term and in the second term an extended treatment of conduction of electricity through gases, electron theory of matter, x-rays, radioactivity, thermionics, electric waves and photo-electricity. Prerequisite: Physics 1-2 or its equivalent. 6 s.h. (w) PROFESSOR EDWARDS

70. Elementary Electronics.—This course is designed to acquaint the student with the principles of vacuum tubes and their application to elementary circuits. Two lectures and one three-hour laboratory per week. Prerequisite: a year in college physics. 3 s.h. (w) DR. HEBB

103. Electricity and Magnetism.—An intermediate course covering electrostatics, magnetostatics, current theory, electromagnetism, and electron theory. Prerequisite: a year course in college physics and the calculus. Three lectures and one three-hour laboratory period per week. 4 s.h. (w)

ASSISTANT PROFESSOR CONSTANT

104. Electrical Measurements.—Exact measurements of resistance, current, voltage, inductance and capacity. A fundamental course in electrical engineering is a prerequisite. Two lectures and one three-hour laboratory period per week. 3 s.h. (w)

PROFESSOR NIELSEN AND ASSISTANT PROFESSOR CONSTANT

106. Photography.—A quantitative study of the more important photographic processes and the application of photography to the sciences and arts. Two lectures and one three-hour laboratory period. Prerequisite: a year course in college physics and the consent of the instructor. 3 s.h. (w)

DR. BONNER

108. Physical Optics.—An intermediate course dealing with reflection, refraction, interference diffraction, polarization and dispersion. Prerequisite: a year course in college physics and the calculus. Three lectures and one three-hour laboratory period per week. 4 s.h. (w)

PROFESSOR HATLEY

211. History of Physics.—A rapid review of the fundamental laws of physics developed from the historical point of view. 2 s.h. (w)

PROFESSOR EDWARDS

213-214. Contemporary Physics.—A course which covers in a descriptive manner the fundamental concepts and experimental basis of modern theories of the structure of matter. 6 s.h. (w)

ASSISTANT PROFESSOR CONSTANT

215-216. Atomic Physics Laboratory.—Some of the more important experiments which form the basis of modern atomic theory. Special emphasis is placed on experimental technique, valuable in original physical investigations. 2-4 s.h. (w)

PROFESSOR NIELSEN AND ASSISTANT PROFESSOR MOUZON

217-218. Advanced General Physics Laboratory.—Exact measurements involving the fields of mechanics, electrical measurements, heat, and pyrometry. 2 s.h. (w)

PROFESSOR NIELSEN AND ASSISTANT PROFESSOR MOUZON

219. Electron Tubes and Their Application.—Theory and application of electron tube circuits with special emphasis on their use in scientific research. Two hours of lecture and one three-hour laboratory per week. 3 s.h. (w)

DR. HEBB

221-222. Introduction to Theoretical Physics.—Lectures and problems on the fundamental principles and mathematical theory of the general field of physics, constituting a thorough foundation for subsequent specialization and more intensive study. 8 s.h. (w)

ASSISTANT PROFESSOR CONSTANT

225-226. Elementary Investigations.—The aim of this course is to provide training in the laboratory and library methods of physical research. Properly qualified students may conduct elementary investigations under the supervision of a member of the Staff. 3-6 s.h. (w)

THE STAFF

DEPARTMENTAL MAJOR

A. For the degree of A.B.:

Prerequisites: Physics 1-2 or equivalent, and Mathematics 1-2 or 7-8.

Major Requirements: 18 to 24 hours in courses approved by the Department. (Students who have a considerable number of hours in a closely allied

field may, with the approval of the Department, count Physics 51-52 or Physics 57-58 as a major requirement.)

B. For the degree of B.S.:

Prerequisites: Physics 1-2, Chemistry 1-2 and Mathematics 7-8 or equivalent.

Major Requirements: Not less than 24 hours in courses approved by the Department, not less than 6 hours of which must be in the 200 group.

DEPARTMENTAL HONORS PROGRAM

Prerequisites: Physics 1-2, 51-52, or 57-58 and 6 s.h. additional work in physics above the Freshman level; Mathematics 6 s.h. and Chemistry 1-2.

Honors Program: Physics 103, 108, 215-216 and 221-222; Mathematics 51-52 and 131; electives subject to the approval of the Departmental Honors Committee, 25 s.h., or enough to satisfy the requirements for graduation, of which at least 6 s.h. must be either a course in Geology or an advanced course in Chemistry, Botany, Zoology, or Mathematics.

In addition, the student will arrange with his Adviser for the performance of a limited number of elementary physical investigations. This will consist of both readings and experimental work which in general will constitute a survey of the classical and modern aspects of physics for which 10 s.h. credit will be allowed.

At the end of both Junior and Senior years, the student will be given both an oral and a written examination in the field of physics.

POLITICAL SCIENCE

PROFESSOR WILSON, CHAIRMAN; PROFESSOR RANKIN, DIRECTOR OF UNDERGRADUATE STUDIES; ASSISTANT PROFESSOR GIBSON, SUPERVISOR OF FRESHMAN INSTRUCTION; PROFESSOR VON BECKERATH; ASSOCIATE PROFESSORS COLE AND SHIPMAN; ASSISTANT PROFESSOR LINEBARGER; DR. SIMPSON; MESSRS. DIAMOND (PART-TIME) AND HOSACK (PART-TIME)

21. **Principles of Government.**—An introductory study of the principles and problems of government. Open to Freshmen as an elective. 3 s.h. (W & E) ASSISTANT PROFESSOR GIBSON AND DR. SIMPSON

22. **Governmental Problems in International Relations.**—A study of international politics as seen in basic problems of international relations. Open to Freshmen as an elective. 3 s.h. (W & E)

PROFESSOR VON BECKERATH, DR. SIMPSON AND MR. HOSACK

61-62. **American Government and Politics.**—A study of the American political system, including the organization and functioning of national, state, and local government, and with special attention to governmental problems in wartime. 6 s.h. (W & E)

PROFESSORS RANKIN AND WILSON; ASSOCIATE PROFESSORS COLE AND SHIPMAN; ASSISTANT PROFESSORS GIBSON AND LINEBARGER; DR. SIMPSON; MR. DIAMOND

Course 61-62 is ordinarily taken before any advanced course in political science. A student who has not had course 61-62 or equivalent work may take an advanced course in the Department with the approval of the instructor giving the advanced course.

111. **Contemporary Problems in Far Eastern Politics.**—An introductory survey of international politics in Eastern Asia and the Western Pacific. 3 s.h. (W) ASSISTANT PROFESSOR LINEBARGER AND MR. HOSACK

125. **American Political Parties and Practical Politics.**—A study of the historical development, organization, and methods of political parties in the United States. 3 s.h. (W) DR. SIMPSON

136. **Major European Governments.**—A study of the organization and functioning of the governments of Great Britain, Germany, Italy, and Russia. 3 s.h. (w) ASSOCIATE PROFESSOR COLE

141. **Public Regulation.**—An introduction to the administrative process, emphasizing the nature, types and techniques of public activity, and the methods and problems of protecting the public interest. 3 s.h. (w) ASSOCIATE PROFESSOR SHIPMAN

142. **Government Regulation in Wartime.**—National administration under war conditions and its relation to permanent government departments; problems of raw materials, industrial production and plant conversion, labor, transportation, price control, and civilian mobilization. 3 s.h. (w) ASSOCIATE PROFESSOR SHIPMAN

151-152. **Spanish-American Political Institutions.**—A study of Spanish-American governments as illustrated in Argentina, Chile, Colombia, and Uruguay. The first semester is devoted to the colonial and independence periods, the second to the national. 6 s.h. (w) ASSISTANT PROFESSOR GIBSON

172. **Government and Agriculture.**—A comparative study of national agricultural policies in Great Britain, Germany, Italy, France, and the United States in the nineteenth and twentieth centuries. 3 s.h. (w) PROFESSOR VON BECKERATH
[Not offered in 1942-43]

174. **Politics and Economics.**—An analysis of the influence of politically dominant forces and ideologies upon economic policies in societies of principal Western countries since the seventeenth century. 3 s.h. (w) PROFESSOR VON BECKERATH

207. **American Constitutional Law and Theory.**—A study of leading principles of American government, as developed through judicial interpretation of the Constitution. 3 s.h. (w) PROFESSOR WILSON

209. **State and Local Government in the United States.**—A study of the historical development of state and local governments, their present organization, their relation to each other and to the federal government. 3 s.h. (w) PROFESSOR RANKIN

211. **Political Institutions of the Far East.**—A study of the governmental systems of Japan, Korea, and China from the Chou Dynasty to the present. 3 s.h. (w) ASSISTANT PROFESSOR LINEBARGER

212. **International Politics of the Far East.**—A study of changing power relationships in the Orient since the arrival of the Europeans. 3 s.h. (w) ASSISTANT PROFESSOR LINEBARGER

223. **Political Thought to the Seventeenth Century.**—A survey of political thought from the time of Plato to the close of the sixteenth century. 3 s.h. (w) PROFESSOR WILSON
[Not offered in 1942-43]

224. **Modern Political Theory.**—Political theories of the seventeenth and eighteenth centuries, and of the first half of the nineteenth, with a study of their influence upon modern political institutions. 3 s.h. (w) PROFESSOR WILSON
[Not offered in 1942-43]

225-226. **Comparative Government.**—A comparative study of modern political institutions, with special reference to bureaucracy, federalism, fascism, dictatorship, constitutions, representation, parliamentarism, and separation of powers. 6 s.h. (w) ASSOCIATE PROFESSOR COLE

227-228. **International Law.**—Elements of international law, particularly as interpreted and applied by the United States. 6 s.h. (w) PROFESSOR WILSON

229. **Recent and Contemporary Political Theory.**—A study of the more significant contributions to political theory from 1850 to the present. 3 s.h. (w) ASSOCIATE PROFESSOR COLE

230. **American Political Institutions.**—A study of the formation and development of institutions of the national government in the United States, with historical and analytical treatment. 3 s.h. (w) PROFESSOR RANKIN

241-242. **The Administrative Process.**—The function and theory of organization, delegated legislation, administrative adjudication, the control of administration, and special problems in economic balancing and proprietary activities. 6 s.h. (w) ASSOCIATE PROFESSOR SHIPMAN

244. **Administrative Law.**—The law of the administrative process, including the nature of regulatory authority, the status and liability of public officers, administrative tribunals and judicial review of administrative action. 3 s.h. (w) ASSOCIATE PROFESSOR SHIPMAN
[Not offered in 1942-43]

246. **Legislation.**—A study of the legislative process with attention to procedure, methods, techniques, delegation of discretion, and the use of controls. 3 s.h. (w) ASSOCIATE PROFESSOR SHIPMAN

252. **Spanish-American Constitutionalism.**—A comparative study of the nature, sources and use of political authority in the constitutional law of Argentina, Chile, Colombia, and Uruguay. 3 s.h. (w) ASSISTANT PROFESSOR GIBSON

271. **Socio-Politics and Capitalism.**—Labor and labor policies in Western Europe and the United States in the nineteenth and twentieth centuries. 3 s.h. (w) PROFESSOR VON BECKERATH

291. **Municipal Government.**—A study of problems relating to the structural system and activities of municipalities in the United States. 3 s.h. (w) PROFESSOR RANKIN

292. **Municipal Administration.**—A study of principles and methods of municipal administration in the United States. 3 s.h. (w) PROFESSOR RANKIN
[Not offered in 1942-43]

WORKING COLLECTION OF GOVERNMENT MATERIALS

It is a policy of the Department to gather and classify published and other materials of significance as illustrating actual processes of government. As a step toward the development of a laboratory of government, there has been made available in the University Library a working collection of government materials for student use both for general reference and in the handling of assigned individual projects.

DEPARTMENTAL MAJOR

Prerequisite: Political Science 61-62.

Major Requirements: Eighteen semester-hours of work in the Department above course 61-62, including at least nine semester-hours in Senior-Graduate courses.

HONORS WORK

Students who plan to take Honors in political science must have Junior standing and must have completed Political Science 61-62 and Economics 51-52 with satisfactory grades. Exceptions may be made in the case of students who are taking Economics 51-52 in their Junior year.

The Honors work will consist of two readings in political science and one in economics. In addition, a thesis will be required. The readings in political science will be given during the second semester of the Junior year and the first semester of the Senior year. The reading in economics may be selected from the offerings in that department. The thesis will be due on May 15 of the Senior year.

A weight of 15 hours will be given the readings and thesis (6-6-3) in political science. The reading in economics will increase the credit total to 21 semester-hours. The normal course load will be three courses each semester after the first semester of the Junior year, when four courses will be required. With the approval of the Departmental Honors Committee, an additional Honors Reading may be taken in a related department, with a corresponding reduction in the course requirements.

Oral or written examinations at the end of each reading and a general oral and written examination at the end of the Senior year will be required.

Honors readings in political science are as follows:

Comparative Government.—The theory and practice of modern European dictatorships and democracies. ASSOCIATE PROFESSOR COLE

Political Theory.—A consideration of political theory from the French Revolution to the present, with particular reference to American and Far Eastern contributions. ASSISTANT PROFESSOR LINEBARGER

PSYCHOLOGY

PROFESSOR LUNDHOLM, CHAIRMAN; ASSISTANT PROFESSOR KEMP, DIRECTOR OF UNDERGRADUATE STUDIES; PROFESSOR RHINE; ASSOCIATE PROFESSORS ADAMS AND ZENER; DR. PRATT

91. *Introduction to Psychology.*—A comprehensive survey of contemporary psychology. This course, given both in the fall (w & e) and spring (w), is a prerequisite to all other courses in the department. 3 s.h.

ASSISTANT PROFESSOR KEMP

96. *Applied Psychology.*—A survey of the results of the application of general psychological methods and principles to problems of business and industry. 3 s.h. (w)

ASSISTANT PROFESSOR KEMP

103. *Conation and Our Conscious Life.*—Analysis of adult human experience and its role in adaptive and creative endeavor. 3 s.h. (w)

PROFESSOR LUNDHOLM

104. *Comparative Psychology.*—3 s.h.
[Not offered in 1942-43]

ASSOCIATE PROFESSOR ADAMS

106. *Abnormal Psychology.*—[Limited enrollment; preference pre-medical Juniors.] 3 s.h. (w)

PROFESSOR LUNDHOLM

109. *Introductory Social Psychology.*—Psychological bases of human and animal societies; effects of different societies on personality development; pedagogical implications. 3 s.h. (e)

ASSOCIATE PROFESSOR ADAMS

111. *Advanced General Psychology: Learning, Memory, Perception, Thinking.*—Perceiving and thinking considered in relation to the problems of learning and memory. Lectures and demonstrations. 3 s.h. (w)

ASSOCIATE PROFESSOR ZENER

112. **Advanced General Psychology: Action, Motivation, Emotion.**—The mechanisms of action. A consideration of the basic characteristics of motives and emotions, their functioning in simple and in conflict situations, and the processes involved in their modification. Lectures and demonstrations. Psychology 111 and 112 are coordinated but may be taken independently or in either order. 3 s.h. (w) ASSOCIATE PROFESSOR ZENER

114. **Psychology of Personality.**—The nature of personality: a survey of relevant facts and theories, and choice of a working concept. Application to actual problems of personality; differences, types, measurement, maladjustment, and reorientation. 3 s.h. (w) PROFESSOR RHINE, DR. PRATT

122. **Psychology of Esthetics.**—3 s.h. (w) PROFESSOR LUNDHOLM

*128. **Psychology of Belief.**—3 sh. (w) PROFESSOR LUNDHOLM
[Not offered in 1942-43]

204. **Motivation and Learning.**—3 s.h. (E) ASSOCIATE PROFESSOR ZENER

206. **Social Psychology.**—Kinds of membership character; psychology of social movements; propaganda; revolution; nationalism; war. 3 s.h. (E) ASSOCIATE PROFESSOR ADAMS

207. **Psychology of Memory, Thinking, Perceiving.**—3 s.h.
[Not offered in 1942-43] ASSOCIATE PROFESSOR ZENER

*209. **Experimental Methods in Human Psychology.**—A study of methods for the control and recording of essential variables in human psychological situations, with consideration of the relation of techniques to problem formulation and psychological theory. Laboratory and lectures. 4 s.h.
[Not offered in 1942-43] ASSOCIATE PROFESSOR ZENER

212. **Physiological Psychology.**—3 s.h. (E) ASSISTANT PROFESSOR KEMP

215. **Developmental Psychology.**—The environmental forces conditioning the development of personality structure and the mechanisms contributing to psychological growth; critical periods in character formation from infancy to senescence. 3 s.h. (E) ASSOCIATE PROFESSOR ADAMS

*223. **Abnormal Psychology.**—3 s.h. (w) PROFESSOR LUNDHOLM

226. **Contemporary Schools of Psychology.**—A consideration of major contemporary points of view in psychology, with reference to historical background, and with emphasis upon the differential implications of systematic formulations for actual research and pedagogical and clinical applications. [Offered in fall in 1942.] 3 s.h. (E) ASSOCIATE PROFESSOR ZENER

231-232. **Introduction to Research.**—Admission only after approval of the instructor supervising the research. 2 or 3 s.h.

PROFESSORS LUNDHOLM AND RHINE, ASSOCIATE PROFESSORS
ADAMS AND ZENER, ASSISTANT PROFESSOR KEMP

DEPARTMENTAL MAJOR

Prerequisites: Psychology 91 and Zoology 1 and 2 or equivalent courses in biology.

Major Requirements: Eighteen semester-hours in psychology in addition to Psychology 91, at least six semester-hours of which must be taken in Senior-Graduate courses.

* Limited registration. Admission only after consultation with instructor.

DEPARTMENTAL HONORS PROGRAM

Departmental Honors in psychology are governed by the general rules covering all Honors programs.

Prerequisite: The minimum requirement for admission to Honors in psychology is the completion of Psychology 91 with a grade of "B" or higher. Completion of Zoology 1-2 is strongly recommended.

Departmental Honors Program:

(a) Honors Readings.—Tutorial work with a member of the Department designated by the Honors Committee. This work shall be counted as the equivalent of three semester-hours in the Junior and six semester-hours in the Senior year.

(b) Courses in Psychology.—At least six courses in the Department in addition to the prerequisite (of which at least three must be of Senior-Graduate level).

(c) Courses in Related Fields.—To complete the total of sixty semester-hours. All courses are to be chosen by consultation with the Departmental Honors Adviser.

(d) At the end of the Senior year.—A final written and oral examination on the fields of psychology chosen, and an experimental or critical paper on a selected problem.

RELIGION

PROFESSOR MYERS, CHAIRMAN AND DIRECTOR OF UNDERGRADUATE STUDIES; ASSISTANT PROFESSOR PETRY, SUPERVISOR OF FRESHMAN INSTRUCTION; PROFESSORS CANNON, ORMOND, ROWE, AND SPENCE; ASSOCIATE PROFESSOR STINE-SPRING; ASSISTANT PROFESSORS CLARK, CRUM, AND OUTLER;
DR. LEVER AND MRS. SPENCE

The minimum uniform requirement in Religion may be fulfilled by completing six semester-hours in any of the following courses: 1-2, 51-52, 101-102, 103-104, 105-106, 114, 151, 163, 167-168, 169-170, 181-182, 191. Classes in these courses are limited to fifty students.

1. **The English Bible.**—Survey of the contents of the historical and prophetic books of the Old Testament with particular reference to the literary, historical, and religious values. Required of all students majoring in religion, and is open to others as an elective in the Freshman year. 3 s.h. (E & W) ASSISTANT PROFESSOR PETRY; PROFESSOR ORMOND; ASSISTANT PROFESSOR CRUM; DR. LEVER AND MRS. SPENCE

2. **The English Bible.**—Study of the Psalms, wisdom literature, and the literature of the New Testament with special attention given to the literary, historical, and religious values. Required of all students majoring in religion, and is open to others as an elective in the Freshman year. 3 s.h. (E & W) ASSISTANT PROFESSOR PETRY; PROFESSOR MYERS; ASSISTANT PROFESSOR CRUM; DR. LEVER AND MRS. SPENCE

51. **The History of the Hebrew People.**—A study of the Hebrew people that gives attention to their political history, their religious and social institutions, their literary development, with special reference to their contributions to civilization. For Sophomores; not open to students who have had Religion 1. 3 s.h. (E & W) ASSISTANT PROFESSORS CRUM AND OUTLER; MRS. SPENCE

52. **New Testament Life and Literature.**—A study of the literature of the New Testament, its historical background, and its religious value. For Sophomores; not open to students who have had Religion 2. 3 s.h. (E & W) PROFESSOR MYERS; ASSISTANT PROFESSORS CRUM AND OUTLER; MRS. SPENCE

101. **The Social Teachings of the Prophets and Jesus.**—A study of the social teachings of the Old Testament prophets and of the social ideals of Jesus as they appear in the four gospels. 3 s.h. (w) PROFESSOR ORMOND

102. **The Christian Church in the Social Order.**—This course will deal with the Christian Church in its service to society and its relation to other social institutions. 3 s.h. (w) PROFESSOR ORMOND

103. **The Prophets of the Old Testament.**—In this course a study is made of the history and nature of prophecy, with particular attention being given to the messages of the outstanding pre-exilic literary prophets. 3 s.h. (w) PROFESSOR MYERS

104. **The History and Religion of the Jews to the Roman Period.**—The work in this course is based largely on exilic and post-exilic prophecy, the wisdom literature, and the earlier apocalyptic and apocryphal literature. 3 s.h. (w) PROFESSOR MYERS
[Not offered in 1942-43]

105. **Religion in the Old Testament.**—A study of vital religious faith in Israel in relation to the political, social, and economic life of the times as that faith is reflected in the writings of the Old Testament. 3 s.h. (w) PROFESSOR ROWE

106. **Religion in the New Testament.**—A study of the New Testament writings as the recorded expression of the religious thought and experience which appeared in connection with the person, message, and work of Jesus; and the missionary activity of the early church. 3 s.h. (w) PROFESSOR ROWE

114. **The Life and Teachings of Jesus.**—This course considers the period in which Jesus lived, the record of his life, and the meaning of his teachings as recorded in the Synoptic Gospels. 3 s.h. (w) PROFESSOR MYERS

151. **Personality and Human Values.**—Problems of college students in adjusting their personalities to an age of science, machinery, social conflict and doubt. Special attention will be given to spiritual values. 3 s.h. (w) PROFESSOR HART

163. **Religious Education of Children.**—An analysis of the religious life, interests and capacities of children; including a study of the problems, objectives, methods, and materials involved in teaching religion to children. Directed to the needs of the lay workers in the church. 3 s.h. (E) MRS. SPENCE

167. **Contemporary Religious Problems.**—A course that deals with the main interests of life from the standpoint of their social and religious significance. 3 s.h. (w) PROFESSOR SPENCE

168. **Masterpieces of Great Religious Literature.**—This course is devoted to the religious thought in the literature from the second to the twentieth centuries, with special attention given modern religious poetry. 3 s.h. (w) (Old number SR.270.) PROFESSOR SPENCE

169. **Character Problems.**—Problems of youth in character building. 3 s.h. (w) ASSISTANT PROFESSOR CRUM

170. **Religion and the Family.**—A study of the American home in its contemporary social and religious aspects. 3 s.h. (w) ASSISTANT PROFESSOR CRUM

181. **The Nature and Early Development of Religion.**—Introduction to the early history of religion, the beliefs and practices of the more primitive peoples, and the religious life of the ancient world. For Juniors and Seniors. 3 s.h. (w)
PROFESSOR CANNON

182. **Living Religions of the World.**—A survey of the religious systems of India, China, and Japan, followed by a study of Judaism, Mohammedanism, and Christianity, the object being to trace the historical development of each religion. For Juniors and Seniors. 3 s.h. (w) (Old number 282.)
PROFESSOR CANNON

191. **Fundamentals of Christian Morality: An Introduction to Christian Ethics.** (Identical with Philosophy 119.) 3 s.h. (w)
DR. McLARTY

193. **A Study of Materials Suitable for Public School Courses in Religion and Ethics,** including the English Bible and other religious literature. 3 s.h. (E)
ASSISTANT PROFESSOR CRUM

201-202. **First Hebrew.**—A study in the forms of the Hebrew language with reading of selected Old Testament narratives. 6 s.h. (w)
ASSOCIATE PROFESSOR STINESPRING

211-212. **Hellenistic Greek.**—Designed for beginners to enable them to read the Greek New Testament. 6 s.h., provided the student takes six semester-hours in New Testament Greek the following year. 6 s.h. (w)
ASSISTANT PROFESSOR CLARK

265. **Religious Drama.**—A historical survey of the relation between religion and drama, a study of the uses and underlying principles of religious drama, and a critical examination and interpretation of selected dramatic productions. 3 s.h. (w)
PROFESSOR SPENCE

268. **Religious Drama Construction and Production.**—Project work in the creation and production of religious drama and pageants. Practice in the selection, staging, lighting, and direction of religious plays. Construction of dramatic programs of worship. 3 s.h. (w)
PROFESSOR SPENCE

DEPARTMENTAL MAJOR

Prerequisite: Religion 1-2, or 51-52.

Major Requirements: A major in the Department of Religion consists of twenty-four semester-hours of work, exclusive of courses primarily for Freshmen, eighteen semester-hours of which shall be selected with the approval of the instructor under whose supervision the student does his major work.

DEPARTMENTAL HONORS PROGRAM

General Rules:

I. The Departmental Honors Program constitutes the work of the Honors student during the Junior and Senior years. This program shall be the equivalent of sixty semester-hours of work.

II. The minimum amount of work that may be taken in the Department of Religion shall be the equivalent of twenty-four semester-hours, and the maximum shall be the equivalent of thirty-six semester-hours. Of this, the work done in the Honors tutorials shall count fifteen hours, six hours for the Junior year, six hours for the Senior year, and three hours for the comprehensive examination at the end of the Senior year.

III. The related work, which shall constitute at least two fifths of the Honors program, that is, the equivalent of twenty-four semester-hours, must be distributed among not less than two departments, unless the departmental committee gives special permission for the student to take his related work in one department.

Prerequisite:

The minimum requirement for admission to Honors in Religion is the completion of a course in Religion during the Sophomore year on which the student makes at least a grade of "B."

Normal Program:

The normal program for the Honors student in the Junior year shall consist of the Honors tutorial, two courses in the Department of Religion, and two courses in related departments; in the Senior year the work shall consist of the Honors tutorial, one and one-half courses in Religion, and two in related departments.

General Honors Examinations:

Two comprehensive written examinations and a supplementary oral examination will be held at the end of the Senior year to test the student's knowledge of the special field in which he has done his honors work.

ROMANCE LANGUAGES

PROFESSOR WEBB, CHAIRMAN AND DIRECTOR OF UNDERGRADUATE STUDIES; ASSISTANT PROFESSOR DAVIS, SUPERVISOR OF FRESHMAN INSTRUCTION IN FRENCH; ASSISTANT PROFESSOR HASBROUCK, SUPERVISOR OF FRESHMAN INSTRUCTION IN SPANISH; PROFESSORS COWPER AND JORDAN; ASSOCIATE PROFESSORS LUNDEBERG AND WALTON; ASSISTANT PROFESSORS BRIDGERS, QUINN, RAYMOND, REID, AND YOUNG; DR. DOW, MME. DOW, MISS CARTER, MR. PRATT; AND ASSISTANTS

The courses in French from 1 to 52 inclusive, and 57-58, are for the general student. They give a reading knowledge of standard French and furnish an introduction to French letters. Courses 55-56, 107, 127-128, and 217 offer training in the French language. The literary courses are devoted to the systematic study of classical and modern French literature. Advanced students are offered an introductory course in Old French and Old French literature. Those planning to teach will find in course 218 a treatment of the teaching of French and Spanish.

The course in Italian includes the reading of Dante's *Inferno*.

The courses in Spanish from 1 to 66 inclusive are for the general student. Their objective is the attainment of ability to read the language with sufficient ease to be able to interpret standard literary Spanish. Courses 71 and 72, 253 and 260 offer further training in the oral and written use of the language. The remaining courses are devoted to the interpretation of modern and classic Spanish and Spanish-American literature.

FRENCH

1-2. Elementary French.—6 s.h. (W & E)

PROFESSOR WEBB, DR. DOW, AND MRS. HARRISON

3-4. French Prose.—Prerequisites: French 1 and 2, or two years of high-school French. 6 s.h. (W & E)

PROFESSORS COWPER AND JORDAN; ASSOCIATE PROFESSOR WALTON;
ASSISTANT PROFESSORS DAVIS AND RAYMOND;
DR. DOW AND MME. DOW

51-52. Introduction to French Literature.—Prerequisite: French 3 and 4 or equivalent. 6 s.h. (W & E)

PROFESSORS COWPER AND JORDAN; ASSOCIATE PROFESSOR WALTON;
ASSISTANT PROFESSORS BRIDGERS, RAYMOND AND
YOUNG; DR. DOW

57-58. **Introduction to French Literature.**—Identical in content with 51-52 this course has less translation into English. Various exercises will replace translation. Considerable use will be made of French in conducting the course. Open to those whose previous training or superior record indicates that they are qualified. Prerequisites: French 3 and 4 or equivalent. 6 s.h.

PROFESSOR WEBB

Students will take course 51-52 or 57-58. They will not take both 51 and 57 or 52 and 58. Total credit in these courses is limited to six semester-hours. They are the basic prerequisites to all higher courses.

55. **Exercises in Spoken French.**—1 s.h. (w & e) MME. LINIÈRE DOW

56. **Exercises in Spoken French.**—1 s.h. (w & e) MME. LINIÈRE DOW

107. **French Composition.**—3 s.h. (w & e)
PROFESSOR COWPER AND ASSISTANT PROFESSOR RAYMOND

108. **The French Romantic Movement.**—3 s.h. (w & e)
PROFESSOR COWPER AND ASSISTANT PROFESSOR RAYMOND

110. **Poems of Victor Hugo.**—3 s.h. (w) DR. DOW

111. **French Drama since 1850.**—3 s.h. (e) ASSISTANT PROFESSOR YOUNG

112. **French Drama since 1850.**—3 s.h. (e) ASSISTANT PROFESSOR YOUNG

115. **Masterpieces of Balzac: The Romance of Realism.**—A study of the outstanding examples of Balzac's art as a story teller and creator of character. 3 s.h. (w) ASSISTANT PROFESSOR BRIDGERS

127. **Advanced French Composition.**—Prerequisite: French 107 or equivalent. 3 s.h. (w) MME. LINIÈRE DOW

128. **Advanced French Composition.**—Prerequisite: French 107 or equivalent. 3 s.h. (w) MME. LINIÈRE DOW

213. **French Classicism.**—From Malherbe to La Bruyère. 3 s.h. (w)
ASSOCIATE PROFESSOR WALTON

214. **French Classicism.**—From La Bruyère to the Encyclopedists and Beaumarchais. 3 s.h. (w)
ASSOCIATE PROFESSOR WALTON

215-216. **The Modern French Novel.**—A survey of the novel form from the seventeenth to the twentieth centuries, with particular attention to the analysis of fundamental literary tendencies: classicism, rationalism, romanticism, and realism. 6 s.h. (w) PROFESSOR JORDAN

217. **French Phonetics.**—French sounds and French spelling; pronunciation drills; exercises in phonetic transcription and dictation; diction, aural comprehension. Prerequisite: 3 s.h. from courses 107 or 127-128. 3 s.h. (w)
(Second semester) PROFESSOR WEBB

218. **Materials and Methods.**—History of the teaching of French and Spanish; methods; the course of study; analysis and criticism of representative texts, tests and examinations; objectives in the light of teaching conditions, equipment and future application. Prerequisites: for French, 107; or for Spanish, 65-66. 3 s.h. (w)
(First semester) PROFESSOR WEBB

219. **Old French.**—An introduction to the Old French language and literature. The *Chanson de Roland—Aucassin et Nicolette*. 3 s.h. (w)
PROFESSOR COWPER

220. Old French.—Types of Old French literature. The Romances of Chivalry. 3 s.h. (w) PROFESSOR COWPER

227. French Poetry since Théophile Gautier.—Parnassianism and symbolism. 3 s.h. (w) ASSOCIATE PROFESSOR WALTON
[Not offered in 1942-43]

232. Rousseau and the Beginnings of Romanticism.—3 s.h. (w) PROFESSOR COWPER
[Not offered in 1942-43]

233. Main Currents of Modern French Literature.—A survey of the principal literary tendencies from the seventeenth to the nineteenth centuries. Selected illustrative readings from leading authors. 3 s.h. (w) PROFESSOR WEBB
[Not offered in 1942-43]

ITALIAN

181-182. Italian.—Introduction to the language, modern Italian readings, and Dante's *Inferno*. 6 s.h. (w) PROFESSOR WEBB

ROMANCE LITERATURE IN TRANSLATION

191-192. Masterpieces of Romance Literature in English Translation.—Dante, Boccaccio, Petrarch, Machiavelli, Rabelais, Montaigne, Descartes, Cervantes, Calderón, Quevedo, Racine, Corneille, Molière, Voltaire, and Rousseau. 6 s.h. (w) ASSISTANT PROFESSOR HASBROUCK
[Enrollment limited to twenty-five students]

SPANISH

1-2. Elementary Spanish.—6 s.h. (w & e) ASSISTANT PROFESSORS DAVIS, HASBROUCK, AND YOUNG;
DR. DOW, MR. PRATT, AND MISS CARTER

3-4. Intermediate Spanish.—Prerequisites: Spanish 1-2 or two years of high-school Spanish. 6 s.h. (w & e) ASSOCIATE PROFESSOR LUNDEBERG; ASSISTANT PROFESSORS BRIDGERS,
HASBROUCK AND REID; MR. PRATT AND MISS CARTER

65. Introduction to Modern Spanish Literature.—Prerequisites: Spanish 3-4 or equivalent. 3 s.h. (w & e) ASSOCIATE PROFESSOR LUNDEBERG; ASSISTANT
PROFESSORS HASBROUCK, REID AND DAVIS

66. Introduction to Spanish Literature of the Golden Age.—Prerequisites: Spanish 65 or equivalent. 3 s.h. (w & e) ASSISTANT PROFESSORS HASBROUCK, REID AND DAVIS
Spanish 65-66 are the basic prerequisites to all higher courses.

71. Exercises in Spoken Spanish.—Prerequisites: completion of Spanish 4 or equivalent and approval of instructor. Normally this course should be taken concurrently with Spanish 65-66. (Enrollment limited to fifteen students.) 1 s.h. (w & e) ASSISTANT PROFESSOR REID AND MISS CARTER

72. Exercises in Spoken Spanish.—1 s.h. (w & e) ASSISTANT PROFESSOR REID AND MISS CARTER

155-156. Survey of Spanish-American Literature.—Reading and discussion of representative texts illustrating the cultural development from Colonial times to the present. Prerequisites: Spanish 65-66 or special permission. 6 s.h. (w) ASSISTANT PROFESSOR REID

157-158. **The Modern Spanish Theater.**—Prerequisites: Spanish 65-66 or 3-4 with permission. 6 s.h. (w)
ASSISTANT PROFESSOR HASBROUCK
[Not offered in 1942-43]

253. **Spanish Phonetics.**—The sounds of the Spanish language; sound changes; exercises in transcription; regional pronunciation; intonation; limited use of electrical recording machines. Prerequisites: Spanish 65-66. (Enrollment limited to fifteen students.) 3 s.h. (w) ASSOCIATE PROFESSOR LUNDEBERG

255-256. **Studies in Spanish-American Literature.**—The course will center about the development of national and continental consciousness in Spanish-American literary history from Colonial times to the present day, although special emphasis will be given to modern literature. Extensive individual investigations and reports with adequate training in bibliography. 6 s.h. (w)
[Not offered in 1942-43] ASSISTANT PROFESSOR REID

257. **The Modern Spanish Critical Essay.**—This course will attempt a definition of the Spanish national genius in relation to contemporary European thought. The main emphasis will be given to the critical essays of such recent writers as Unamuno, Ortega y Gasset, and Madariaga. 3 s.h. (w)
ASSISTANT PROFESSOR HASBROUCK

258. **Landmarks of Medieval and Renaissance Literature.**—The development of the national spirit as manifested in representative works of early Spanish literature, such as the *Cantar de Mio Cid*, the *Romancero*, and the *Celestina*, with some attention to the characteristics of the older language. 3 s.h. (w)
ASSISTANT PROFESSOR DAVIS

260. **Advanced Syntax and Composition.**—Systematic review of Spanish syntax; free oral and written composition; selected translation assignments; epistolary forms, etc. Conducted mainly in Spanish. Prerequisites: Spanish 65-66. (Enrollment limited to fifteen students.) 3 s.h. (w)
ASSISTANT PROFESSOR HASBROUCK

261-262. **The Modern Spanish Novel.**—The evolution of the novel from the *costumbrista* writers through the generation of 1898. Prerequisites: 6 s.h. from courses 155 to 158 inclusive, or 65-66 with permission. 6 s.h. (w)
ASSOCIATE PROFESSOR LUNDEBERG

265. **Golden Age Literature: Cervantes.**—The *Novelas ejemplares*; analytic study of the tales, their style, literary importance and influence. Prerequisites: 6 s.h. from course 155 to 158 inclusive, or 65-66 with permission. 3 s.h. (w)
[Not offered in 1942-43] ASSOCIATE PROFESSOR LUNDEBERG

266. **Golden Age Literature: The Don Juan Theme.**—Study of representative Don Juan plays of the Golden Age, with reference to use of this motif by later writers. Prerequisites: 6 s.h. from courses 155 to 158 inclusive, or 65-66 with permission. 3 s.h. (w)
ASSOCIATE PROFESSOR LUNDEBERG
[Not offered in 1942-43]

(For methods of teaching Spanish see French 218.)

DEPARTMENTAL MAJOR

Prerequisites: French 1-2, 3-4, or equivalent, for French. Spanish 1-2, 3-4, or equivalent, for Spanish.

Major Requirements: In French, twenty-four semester-hours of work must be completed in courses above the Freshman level, and must include: (a) six semester-hours from the group 107, 127-128, 217; (b) six semester-hours of literature in courses numbered 213 to 233.

In Spanish, twenty-four semester-hours must be completed as follows: twelve semester-hours in the courses 65-66, 155-156, 157-158; twelve semester-hours from the group 253-266.

Students desiring the recommendation of the Department for the teaching of French or Spanish will take in addition course 218.

DEPARTMENTAL HONORS PROGRAM

Prerequisites: Completion of 51-52 or 57-58 by the end of Sophomore year in a manner satisfactory to the Departmental Committee.

Honors work in French includes:

(a) Training in the use of written and oral French; composition, résumé, and literary commentary in French. 3 s.h. each semester of Junior and Senior years, total 12 s.h.

(b) Readings in French literature.

(1) Survey of chief authors. 3 s.h. each semester or 12 s.h.

(2) Genre studies beginning with the modern novel. 3 s.h. each semester or 12 s.h.

(c) Comprehensive examination.

(d) Related work: 24 s.h.

SOCIOLOGY AND ANTHROPOLOGY

PROFESSOR ELLWOOD, CHAIRMAN; PROFESSOR JENSEN, DIRECTOR OF UNDERGRADUATE STUDIES; PROFESSOR HART; ASSOCIATE PROFESSORS GILLIN AND THOMPSON

91-92. **General Sociology.**—The same as course 101, except that it gives an additional hour of credit to permit the introduction of more concrete materials, and admits Sophomores with an average grade of not less than "C" during the Freshman year. 6 s.h. (E) PROFESSOR JENSEN
(w) ASSOCIATE PROFESSOR GILLIN

101. **General Sociology.**—An introduction to the scientific study of social life; its origin, evolution, and organization as illustrated by the study of a number of concrete social problems. This course is repeated each semester and it, or its equivalent course 91-92 or course 131-132, is prerequisite to all other courses in sociology. 5 s.h. (w) PROFESSOR ELLWOOD

102. **General Sociology.**—The same as course 101. 5 s.h. (w)

109. **Sociology of the South.**—The developing regional organization of the world economy studied with especial reference to Southern life and problems. A survey of the composition and distribution of population, races and race relations; economic conditions underlying population, race factors, and culture of the South. Primary emphasis is upon social change and its control. Prerequisite: course 91-92, 101 or 131-132. 3 s.h. (w)

ASSOCIATE PROFESSOR THOMPSON

111. **Introduction to Child Welfare.**—A special course in child welfare for Juniors and Seniors. Prerequisite: course 91-92, 101 or 131-132. 3 s.h. (w)

PROFESSOR JENSEN

114. **Race Relations.**—Against the background of a preliminary study of interracial experiences in other parts of the world an effort is made to understand more clearly the racial situation in the Southern States. Prerequisite: course 91-92, 101 or 131-132. 3 s.h. (w)

ASSOCIATE PROFESSOR THOMPSON

122. **Personality and Culture.**—Problems of college students in adjusting their personalities to the social institutions of which they are, or are to be, parts. Prerequisite: Sociology 91-92, 101 or 131-132. 3 s.h. (w)

PROFESSOR HART

131. General Anthropology.—A survey of mankind and its cultural activities from the earliest times to the present day; fossil man and the development of the present species; modern races and varieties; first steps and later elaborations in tools and other material creations, language, family life and social organization, political institutions, art, and religion. Special attention will be given to the simpler societies. 3 s.h. ASSOCIATE PROFESSOR GILLIN

132. Cultural Anthropology.—A study of the dynamics of culture and its varieties, using materials from the simpler societies in various parts of the world; functions of culture, psychological aspects, the individual and culture, environmental aspects, cultural growth and change, acculturation; applications of these concepts to certain contemporary problems. Prerequisite: course 91-92, 101 or 131. 3 s.h. ASSOCIATE PROFESSOR GILLIN

205. Social Pathology.—A study of the causes, extent, significance, and constructive treatment of the principal forms of pathology in modern society: poverty, physical defectiveness, malnutrition, mental deficiency, mental disease, undirected leisure activities and unstandardized commercial recreation, alcoholism, prostitution, vagrancy, and delinquency. Prerequisite: course 91-92, 101 or 131-132. 3 s.h. (w) PROFESSOR JENSEN

206. Criminology.—A study of the original tendencies of man and the problem of socializing these tendencies; the relations of physical and mental defectiveness and untoward influences in the home and neighborhood to crime; the development of criminological theory and procedure, emphasizing penal and reform methods, and especially modern methods of social treatment and prevention of crime. Prerequisite: course 91-92, 101 or 131-132. 3 s.h. (w) PROFESSOR JENSEN

212. Child Welfare.—A study of heredity and environment as factors in personality development; infant conservation; welfare responsibilities of the school, emphasizing the physical and mental well-being of the child, play, and compulsory and industrial education; child labor, diagnosis and treatment of delinquency; care of the dependent and neglected child; child-caring agencies, public and private; and a community program of child welfare. Prerequisite: course 91-92, 101 or 131-132. 3 s.h. (w) PROFESSOR JENSEN
[Offered in Summer Session, 1942]

213. Constructive Social Policies.—An intensive study of the theories and legislation dealing with such problems as compensation, vocational re-education, and other methods of social insurance and social improvement. Prerequisite: course 91-92, 101 or 131-132. 2 s.h. (w) PROFESSOR JENSEN
[Not offered in 1942-43]

215. Rural Sociology.—A study of the societies developed by people who settle the land and exploit it for a livelihood; patterns of settlement; culture; peasant, farmer, and folk societies; and rural institutions. Special attention is given to the plantation and to the rural problems of the South. Prerequisite: course 91-92, 101 or 131-132. 3 s.h. (w) ASSOCIATE PROFESSOR THOMPSON

216. Urban Sociology.—The city and civilization. This course studies the inner life and problems of the city and its function in the larger regional and world community which it nucleates. Prerequisite: course 91-92, 101 or 131-132. 3 s.h. (w) ASSOCIATE PROFESSOR THOMPSON

217. Race and Culture.—An analytical study of racial and cultural relations and problems of the Indian, the Negro and other minority groups in historical and contemporary situations. Prerequisite: course 91-92, 101 or 131-132. 3 s.h. (w) ASSOCIATE PROFESSOR THOMPSON

225. **Statistical Methods in Sociology.**—Deals with the processes of definition, classification, measurement, tabulation, association, correlation, comparison of averages and of percentages, causation, prediction, preparation and interpretation of charts and graphs, as applied to and illustrated by sociological data. Prerequisite: course 91-92, 101 or 131-132. 3 s.h. (w)

PROFESSOR HART

227. **Emigration and Immigration.**—A study of territorial movements of population with special reference to Europe and America. Causes and extent of migration; its effect upon American and European society; origin and characteristics of immigrant groups and their organization in the New World; problems, agencies, and processes of assimilation. Prerequisite: course 91-92, 101 or 131-132. 3 s.h. (w)

PROFESSOR JENSEN

[Not offered in 1942-43]

236. **Social Ethics.**—An attempt to develop answers to such questions as: How can potential leaders discover and acquire the skills required for rendering their fullest service to their fellow men, particularly capacities for creative cooperation and insight? On what intellectually and scientifically sound basis can one formulate the fundamental policies of one's life? On what ultimate criteria are social policies to be based? 3 s.h. PROFESSOR HART

237. **Indians of North America.**—Origin and early developments of aboriginal populations; development and distribution of tribes, their customs and languages; Indian influences on Euro-American culture; present status of the Indians; considerations of the culture-environment relationship in the light of comparisons between aboriginal and modern American life. Prerequisite: course 131. 3 s.h. (w)

ASSOCIATE PROFESSOR GILLIN

238. **Anthropological Backgrounds of Latin America.**—The aboriginal races and cultures of Latin America; origins, development; distribution and variations at the time of the Discovery; Iberian and African racial importations of the past 400 years; the contemporary fusion and mixtures in such areas as Brazil, the Andean highlands, etc., and their relation to certain contemporary problems. Prerequisite: course 131. 3 s.h.

ASSOCIATE PROFESSOR GILLIN

239. **Acculturation and Cultural Synthesis.**—A study of the results of contact between preliterate and literate cultures in various parts of the world and the prospects for the future. Prerequisite: course 131. 3 s.h. (w)

[Not offered in 1942-43]

ASSOCIATE PROFESSOR GILLIN

240. **The Peoples of Africa.**—A survey of the aboriginal peoples and cultures of Africa from the earliest times to the present day, with special attention to the areas of origin of the American Negro. Prerequisite: course 131. 3 s.h. (w)

ASSOCIATE PROFESSOR GILLIN

[Not offered in 1942-43]

242. **Marriage and the Family.**—An analysis of contemporary marriage and family experience with emphasis on its functions, problems, resources, and values. Sociology 91-92, 101 or 131-132. Not open to students who have taken course 299. 3 s.h. (w)

PROFESSOR HART

251. **Special Problems in Social Pathology.**—Research projects in social and personal disorganization, limited to advanced students with the approval of the instructor. Prerequisite: course 205 or its equivalent. *Both semesters.* 1 to 3 s.h. (w)

PROFESSOR JENSEN

252. **Education and Social Control.**—A study of education as an agency of social progress from primitive times to the present. Prerequisite: course 91-92, 101 or 131-132. 2 s.h. (w)

PROFESSOR ELLWOOD

281. Public Opinion.—The fundamental problems and processes of social control and social change in democratically organized groups; the nature and development of public opinion, its cultural and psychological bases, the role of leadership, pressure groups, prestige, propaganda, censorship, advertising, the press, the motion picture, the radio, the graphic arts, etc., in its management and dissemination. 3 s.h. (w) PROFESSOR JENSEN
[Not offered in 1942-43]

299. Marriage and Family Counseling.—A survey of practical problems in the light of social, psychological, and spiritual fundamentals, for persons preparing for professional work. Prerequisite: course 91-92, 101 or 131-132. Not open to students who have taken course 242. 2 s.h. PROFESSOR HART

DEPARTMENTAL MAJOR

Students desiring to take a major in sociology are required to complete course 91-92 or 101 or 102 or 131-132 and twelve additional hours in the Department, at least six of which must be from courses numbered 200 or over.

ZOOLOGY

ASSOCIATE PROFESSOR GRAY, CHAIRMAN AND DIRECTOR OF UNDERGRADUATE STUDIES;
ASSISTANT PROFESSOR BOOKHOUT, SUPERVISOR OF FRESHMAN INSTRUCTION;
ASSISTANT PROFESSOR JEFFERS, SUPERVISOR OF FRESHMAN INSTRUCTION
(WOMAN'S COLLEGE); PROFESSORS CUNNINGHAM, HALL, HARGITT,
PEARSE; ASSISTANT PROFESSOR JOHNSON; DRs. CULBRETH,
EVANS, WHARTON, WILSON; AND ASSISTANTS

1. General Zoology.—A brief survey of the animal kingdom. 4 s.h. (w & e) ASSISTANT PROFESSORS BOOKHOUT, JEFFERS, JOHNSON;
DRs. EVANS, WILSON; AND ASSISTANTS

2. Animal Biology.—A study of the principles of biology as applied to animals. Prerequisite: Zoology 1. 4 s.h. (w & e)
ASSOCIATE PROFESSOR GRAY; ASSISTANT PROFESSORS BOOKHOUT,
JEFFERS; DRs. EVANS, WILSON; AND ASSISTANTS

53. Comparative Vertebrate Anatomy.—A study of the anatomy and evolution of the organ systems of vertebrates. Prerequisites: Zoology 1 and 2. 4 s.h. (w & e) ASSOCIATE PROFESSOR GRAY; AND DR. EVANS

92. General Embryology.—A study of the fundamental principles of embryology as illustrated in the frog, chick, and mammal. Prerequisite: Zoology 53. 4 s.h. (w & e) PROFESSOR CUNNINGHAM; ASSISTANT
PROFESSORS JEFFERS AND JOHNSON

109. Evolution.—The facts and theories of organic evolution. Prerequisite: two years of zoology. 2 s.h. (w) ASSISTANT PROFESSOR JOHNSON

110. Introduction to Genetics.—The principles and practical applications of genetics as applied to animals, including man. Prerequisite: one year of zoology. 2 s.h. (w) ASSISTANT PROFESSOR JOHNSON

151. Comparative Physiology.—The primary functions of animals of all groups and a more detailed study of the physiological processes in mammals. Prerequisite: Zoology 53. 4 s.h. (w) PROFESSOR HALL; AND DR. WILSON

156. Vertebrate Histology.—The microscopic structure of normal tissues and organs of the vertebrate body. Training will be given in the preparation of material for microscopic study. Primarily for major students in zoology and not recommended for pre-medical students since a similar course is given in the first-year medical curriculum. Prerequisite: Zoology 53. 4 s.h. (w)
PROFESSOR HARGITT

161. **Animal Parasites.**—Animal parasites, with emphasis upon those infesting man. Prerequisite: one year of zoology. 4 s.h. (w)

PROFESSOR PEARSE

FOR SENIORS AND GRADUATES

204. **Advanced Parasitology.**—Lectures, conferences, readings, and laboratory work, dealing with practical and theoretical matters relating to animal parasites. Offered in alternate years. Prerequisite: Zoology 161. 4 s.h. (w)

PROFESSOR PEARSE

219-220. **Special Problems.**—Senior majors who have had proper training may be permitted to carry on special work. Permission must be obtained from the Director of Undergraduate Studies and the instructor under whom the student wishes to work. Not more than 4 s.h. (w)

STAFF

222. **Entomology.**—A study of anatomy, physiology, embryology, and classification of insects. Prerequisite: one year of zoology. 4 s.h. (w)

ASSOCIATE PROFESSOR GRAY

224. **Vertebrate Zoology.**—A study of life histories, adaptations, ecology, and classification of vertebrate animals. May be offered when the demand is sufficient. Prerequisite: Zoology 53. 4 s.h. (w)

ASSOCIATE PROFESSOR GRAY

229. **Endocrinology.**—The structure, physiology, and embryology of the endocrine glands. Lectures, reading assignments, reports, and laboratory work. Prerequisites: Zoology 53 and 92. 4 s.h. (w)

PROFESSOR CUNNINGHAM

256. **Seminar: Current Developments in Physiological Zoology.**—Prerequisite: Zoology 151. Open only to Seniors. 2 s.h. (w)

PROFESSOR HALL

274. **Invertebrate Zoology.**—A study of structure, function, and habits of invertebrate animals under normal and experimental conditions. Field trips will be made to study, collect, and classify animals in their natural habitats. Prerequisites: Zoology 1 and 2. 4 s.h. (w) Offered in alternate years.

[Not offered in 1942-43]

ASSISTANT PROFESSOR BOOKHOUT

276. **Protozoology.**—The morphology, physiology, taxonomy, and culture of protozoa. Offered in alternate years. Prerequisites: Zoology 1 and 2. 4 s.h. (w)

ASSISTANT PROFESSOR BOOKHOUT

RELATED COURSES ONE OF WHICH MAY BE COUNTED TOWARD
A MAJOR IN ZOOLOGY

Botany 101. Principles of Heredity.—3 or 4 s.h. (w)

ASSISTANT PROFESSOR PERRY

Botany 103. General Bacteriology.—4 s.h. (E & W)

PROFESSOR WOLF

Botany 202. Genetics.—4 s.h. (w)

ASSISTANT PROFESSOR PERRY

DEPARTMENTAL MAJOR

Prerequisites: Zoology 1 and 2.

Major Requirements: Twenty-four semester-hours including courses 53, 92, 151. The remaining twelve hours may be from any other courses for which the student is eligible.

DEPARTMENTAL HONORS PROGRAM

For admission to candidacy for Honors in zoology a student is expected to have completed zoology courses 1, 2, 53, 92 and not less than eight semester-hours of chemistry.

Honors work consists of regular courses and independent study; the program, however, will not be the same for all students. Zoology 151 is required of all zoology majors; the number and nature of other courses to be taken in

zoology and in related subjects will depend upon the needs and interests of the student. The usual number of semester courses will be four to six in zoology and six in other subjects in the Natural Science Group.

In addition to regular courses each student shall read in such fields as history of biology and zoological theories, or in special fields, and shall undertake a special research problem under the direction of some member of the Staff whom the student may select. The student may be asked to prepare written reports on his readings and must present a written report on his research problem. Readings and problem count for nine to twelve semester-hours.

At the end of the Junior year an examination will be given to test the student's ability to correlate material and to determine his fitness to continue in the Honors Group. At the end of the Senior year a general comprehensive examination covering the entire field of study must be passed.

THE COLLEGE OF ENGINEERING

ADMISSION

Admission to the College of Engineering of Duke University is on a selective basis, dependent upon the ability, attainments, and character of the applicant. No student is admitted until the Council on Admissions has received for him a scholastic record from school or college, a certificate of vaccination and of good health, and satisfactory evidence of good character and ability. Prospective students and relatives are invited to visit the University and the College of Engineering in particular. This would be advantageous to the applicant since it would enable him to acquaint himself with the facilities of the University, and to discuss possible courses of study.

Certain days are announced in the University Calendar each year for the registration, classification, and sectioning of students. Those students who are admitted later than the dates announced must pay to the Treasurer \$5.00 additional for the privilege of matriculation.

An applicant for admission to the Freshman Class in engineering must have completed at least fifteen units of preparatory work, partly in required and partly in elective subjects. A unit represents a year of work in a subject in an accredited secondary school, provided the work done in that subject is approximately one fourth of the annual amount of work regularly required in the school.

The subjects in which this credit may be offered and the maximum amount of credit acceptable in each subject are given in the following table:

	UNITS		UNITS
English	4	Botany	1
Latin	4	Zoology	1
Greek	3	General Biology	1
German	3	Physical Geography	1
French	3	General Science	1
Spanish	3	Agriculture	2
Mathematics	4	Mechanical Drawing	2
History and Civics	4	Woodwork, Forging, and Machine Work	2
Physics	1	Household Economics	2
Chemistry	1	Commercial Subjects	3

For a detailed explanation of the units in the table above, see the definitions as set forth by the Southern Association of Colleges and Secondary Schools and other regional associations.

ADMISSION BY CERTIFICATE

Applicants able to submit certificates of proficiency from accredited schools in subjects accepted for admission to the Freshman Class will be

admitted without examination. These certificates must be properly made out on the regular blanks furnished by the University, signed by the principal of the school from which the applicant comes, and presented before or at the opening of the academic year. The applicant must have completed the course of the school from which he comes.

At least nine and one half of the fifteen units required for admission must come from the following:

Required Units

English	3 units
A Foreign Language	2 units
*Science	1 unit
History	1 unit
**Algebra	1½ or 2 units
Plane Geometry	1 unit

Elective Units

In addition to the above required units, sufficient elective units must be offered to make a total of fifteen. It is recommended that these electives be chosen from the following list:

Algebra	½ unit
Solid Geometry	½ unit
Trigonometry	½ unit
†German or French or Latin or Spanish or Greek	1 to 4 units
History or Civics (not the required unit)	1 to 3 units
Physics or Chemistry or Biology (not the required unit)	1 to 3 units

ADMISSION BY EXAMINATION

Students who present fifteen units for admission from schools not accredited by the University, and students who present the proper units but whose grades are not acceptable, are required to validate their units by entrance examinations in English and in mathematics and such other tests as the University may prescribe, including the test required by the North Carolina College Conference.

Students who have not the required units in English or in mathematics but who are otherwise acceptable must, before admission, clear this deficiency by entrance examinations.

ADMISSION TO ADVANCED STANDING

Students may be admitted to advanced standing from other approved institutions under the following conditions: all applicants must have fulfilled the equivalent of the requirements for admission to the Freshman

* Wherever possible physics or chemistry should be offered for this requirement.

** Examination required to validate offering.

† One elective unit in any of the above languages will be accepted for admission provided the language requirement has been satisfied without it. As many as four units will be accepted in any one of these languages.

Class, must present official certificates of all work done in other institutions, and have honorable dismissal from the institutions they previously attended.

Applicants for advanced standing should present, so far as possible, subjects corresponding to those required at Duke University. Students admitted to advanced standing may not during their first semester elect more than the minimum number of hours required of the class which they enter except by permission of the Dean. Further, in addition to other requirements, a minimum of one full year in residence at Duke University with the satisfactory completion of at least thirty semester-hours of work approved for Seniors, with an average grade of "C," is required of all candidates for the Bachelor's degree.

Students who have transferred from other colleges must, in order to make their provisional classification final, pass during their first year of residence not less than the equivalent of four year-courses with an average grade of "C" or higher.

The date for the registration and classification of students with advanced standing from other institutions is announced in the University Calendar. Students who are admitted later than this date are required to pay to the Treasurer \$5.00 additional for the privilege of matriculating.

FRESHMAN WEEK

The week immediately preceding the opening of College is set aside for the induction of Freshmen. During this period health examinations, psychological tests, and placement tests are given, on the basis of which Freshmen are sectioned in English and mathematics. The Freshmen are divided into groups for instruction in the use of the Library, in the regulations of the student body, and in all matters pertaining to the adjustment of the individual to a new environment. Attendance upon these exercises is required of all Freshmen.

SPECIAL STUDENTS

Students of mature age not fully prepared to enter the Freshman Class may be admitted as special students and allowed to enroll for such work as they are prepared to carry. Further, they are required to take fifteen hours of classwork a week.

FEES AND EXPENSES

Information as to fees and expenses and room accommodations applicable to the College of Engineering is given, along with similar information for Trinity College and the Woman's College, on pages 168-173.

REQUIREMENTS FOR THE DEGREE OF BACHELOR OF SCIENCE IN CIVIL, ELECTRICAL, OR MECHANICAL ENGINEERING

GENERAL STATEMENT

The studies for the degree of Bachelor of Science in Civil, Electrical, or Mechanical Engineering are designed for students who are preparing for civil, electrical, and mechanical or aeronautical engineering as a profession and lead to the following degrees: B.S. in C.E., B.S. in E.E., and B.S. in M.E.

Each of these degrees requires one hundred and thirty-eight semester-hours of work of which one hundred and twenty-two must be completed with an average grade of "C." Six semester-hours of electives must be taken in the Department of Economics or of Political Science. If a foreign language is elected, it must be taken two years unless a student has sufficient entrance credits to enable him to pursue a more advanced course.

Prospective students should note that immediately after the final examinations in May or June a three-weeks course in surveying is given under the direction of the Summer Session. This course is required of all civil engineering students at the end of their Freshman year and is required of all other engineering students before graduation.

GROUPS OF STUDIES FOR THE DEGREE OF BACHELOR OF SCIENCE IN CIVIL, ELECTRICAL, OR MECHANICAL ENGINEERING

GROUP I

CIVIL ENGINEERING

Freshman Year

FIRST SEMESTER	S.H.	SECOND SEMESTER	S.H.
Mathematics 9	5	Mathematics 10	5
Chemistry 1	4	Chemistry 2	4
English 1	3	English 2	3
Physics 17	3	Physics 18	3
Drawing 1	2	Drawing 2	2
Physical Education	—	Physical Education	—
	17		17

Three weeks of Surveying S60 in summer, credit 3 semester-hours.

Sophomore Year

Mathematics 59	4	Mathematics 60	4
Physics 57	3	Physics 58	3
Economics 51	3	Economics 52	3
Statics, G.E. 57	3	Kinetics, G.E. 58	3
Surveying 61	2	C.E. Drawing 70	2
Route Survey 63	2	Route Survey 64	2
Physical Education	—	Physical Education	—
	17		17

Junior Year

Strength of Materials 107	3	Hydraulics 128	3
Structures 131	4	Structures 132	4
Highways 115	3	Materials 118	3
Electrical Engg. 153	3	Electrical Engg. 154	3
Elective	3	Elective	3
	<hr/>		<hr/>
	16		16

Senior Year

Sanitary Engg. 123	4	Sanitary Engg. 124	3
Concrete 133	3	Concrete 134	3
Soils-Foundations 135	3	Railroads 116	2
Mechanical Engg. 103	3	Astronomy-Navig. 112	3
M.E. Laboratory 115	1	Mechanical Engg. 104	3
Elective	3	M.E. Laboratory 116	1
	<hr/>	Elective	3
	17		18

GROUP II**ELECTRICAL ENGINEERING***Freshman Year*

FIRST SEMESTER	S.H.	SECOND SEMESTER	S.H.
Mathematics 9	5	Mathematics 10	5
Chemistry 1	4	Chemistry 2	4
English 1	3	English 2	3
Physics 17	3	Physics 18	3
Drawing 1	2	Drawing 2	2
Physical Education		Physical Education	
	<hr/>		<hr/>
	17		17

Three weeks of Surveying S60 in summer, credit 3 semester-hours.

Sophomore Year

Mathematics 59	4	Mathematics 60	4
Physics 57	3	Physics 58	3
Statics 57	3	Kinetics-Mechanism 52	4
Electrical Engineering 51	3	Electrical Engineering 52	3
Economics 51	3	Economics 52	3
Steam Engineering 55	2	Physical Education	
Physical Education			
	<hr/>		<hr/>
	18		17

Junior Year

Theory of D. C. Circuits 151	4	Theory of A. C. Circuits 152	3
Hydraulics 128	3	Strength of Materials 107-109	4
Electrical Circuits Lab. 161	1	Electrical Circuits Lab. 162	1
Heat Power Engineering 103	3	Heat Power Engineering 104	3
Differential Equations 131	3	Electrical Measurements 104	3
Mechanical Engineering Laboratory 115	1	Mechanical Engineering Laboratory 116	1
	<hr/>		<hr/>
	15		15

Senior Year

A. C. Machinery 257	3	A. C. Machinery 258	3
Electric Power Trans. 159	3	Electric Power Stations 158	2
Communication 261	3	Communication 262	4
D. C. Machinery 155	2	Seminar 166	1
Electrical Machinery		Electrical Machinery	
Laboratory 163	1	Laboratory 164	1
Seminar 165	1	Electives	6
Electives	6		
	<hr/>		<hr/>
	19		17

GROUP III

MECHANICAL ENGINEERING

Freshman Year

FIRST SEMESTER

SECOND SEMESTER

	S.H.		S.H.
Mathematics 9	5	Mathematics 10	5
Chemistry 1	4	Chemistry 2	4
English 1	3	English 2	3
Physics 17	3	Physics 18	3
Drawing 1	2	Drawing 2	2
Physical Education		Physical Education	
	<hr/>		<hr/>
	17		17

Three weeks of Surveying S60 in summer, credit 3 semester-hours.

Sophomore Year

Mathematics 59	4	Mathematics 60	4
Physics 57	3	Physics 58	3
Statics, G.E. 57	3	Kinetics-Mechanism 54	5
Const. Processes 51	3	Steam Engineering 55	2
Economics 51	3	Economics 52	3
Physical Education		Physical Education	
	<hr/>		<hr/>
	16		17

Junior Year

Fluid Mechanics 105	3	Machine Design 150	3
Str. of Materials 107-109	4	Aeronautics 108	3
Electrical Engg. 153	3	Electrical Engg. 154	3
Thermodynamics 101	3	Thermodynamics 102	3
M.E. Lab. 113	1	M.E. Lab. 114	2
Elective	3	Elective	3
	<hr/>		<hr/>
	17		17

Senior Year

<i>Mechanical Option</i>			
Machine Design 151	3	Industrial Engg. 158	3
Int. Comb. Eng. 155	3	Power Plants 162	3
Heating and Air Cond. 153	3	Refrigeration 154	3
M.E. Lab. 159	2	M.E. Lab. 160	2
Seminar 199	1	Seminar 200	1
Electives	5	Electives	5
	<hr/>		<hr/>
	17		17

*Senior Year**Aeronautics Option*

Machine Design 151	3	Industrial Engg. 158	3
Int. Comb. Eng. 155	3	Airplane Design 172	3
Airplane Design 171	3	Airplane Engines 156	3
Aerodynamics 173	2	Aerodynamics 174	2
M.E. Lab. 159	2	Aeronautics Lab. 176	2
Seminar 199	1	Seminar 200	1
Elective	3	Elective	3
	<hr/>		<hr/>
	17		17

COURSES OF INSTRUCTION, COLLEGE OF ENGINEERING

PROFESSOR HALL, DEAN; PROFESSOR BIRD, CHAIRMAN CIVIL ENGINEERING; PROFESSOR SEELEY, CHAIRMAN ELECTRICAL ENGINEERING; PROFESSOR WILBUR, CHAIRMAN MECHANICAL ENGINEERING; ASSISTANT PROFESSORS CHAPMAN, LEWIS, MEIER, REED, AND WATSON; MESSRS. HOFFER, KRAYBILL, THEISS, VAIL, AND WILLIAMS

GENERAL ENGINEERING

1-2. **Engineering Drawing.**—The study of mechanical drawing with emphasis on drawing parts, elementary machines, dimensioning, and working drawings; pencil and ink technique; elementary drawing board geometry, including point line and plane relations, and elementary work in developments and intersections. 4 s.h. (E) ASSISTANT PROFESSOR LEWIS

5. **Descriptive Geometry.**—The study of drawing board problems involving point, line, and plane relationships; development of solids; intersections of solids and concurrent non-coplanar forces, with emphasis on practical applications. 2 s.h. (E) ASSISTANT PROFESSOR LEWIS

52. **Technical Drawing.**—Primarily for non-engineering students. A course in mechanical drawing emphasizing drafting technique, principles of projection, working drawing, and aircraft drawing. 3 s.h. (E) ASSISTANT PROFESSORS LEWIS AND HALL

57. **Statics.**—Concurrent forces, parallel forces, nonconcurrent and non-parallel forces, centroids, friction, moment of inertia. Prerequisites: courses G.E. 1-2, Mathematics 9 and 10. 3 s.h. (E) STAFF

58. **Kinetics.**—Translation, rotation, work, energy, and momentum. Prerequisites: courses G.E. 57, and Mathematics 59. 3 s.h. (E) STAFF

107. **Strength of Materials.**—Elastic bodies under stress; flexure of simple, overhanging, fixed, and continuous beams; columns; combined stresses, etc. For Civil Engineering students, the laboratory work is included in course 118. Other students should take course G.E. 109 for laboratory. Prerequisite: course 57. 3 s.h. (E) STAFF

109. **Strength of Materials Laboratory.**—Concurrent with course G.E. 107. 1 s.h. (E) Either semester. STAFF

128. **Hydraulics.**—Hydrostatics; flow of water through orifices, weirs, pipes, and open channels; general principles of water wheels and turbines. Prerequisite: course 57. 3 s.h. (E) Either semester. STAFF

CIVIL ENGINEERING

PROFESSORS BIRD AND HALL; ASSISTANT PROFESSOR WATSON;
MR. WILLIAMS

560. **Plane Surveying.**—Use of instruments; transit, stadia, compass and plane table surveying; simple triangulation; determination of meridian by observation on Polaris; differential and profile leveling; setting grade stakes; calculation of bearings, latitudes, and departures; areas by planimeter; methods of plotting, survey and plot of sections of the campus by stadia, and transit and tape. Eight hours a day, three weeks, Summer Session. Prerequisite: G.E. 1 and trigonometry. 3 s.h. (E) STAFF

61. Higher Surveying.—Care and adjustment of instruments; topographical surveying; surveys and resurveys; laying out and division of land; public land system; further calculations, omitted measurements, areas by double longitude; quantities from profiles and cross sections. Prerequisite: course S60. 2 s.h. (E) MR. WILLIAMS

112. Practical Astronomy and Navigation.—Determination of time, longitude, latitude, and azimuth. Pilotage, dead reckoning, celestial navigation. Observations and calculations. Prerequisite: S60 or with the consent of the instructor. 3 s.h. (E) PROFESSOR BIRD

63-64. Route Surveying.—Thorough drill in the calculation and laying out of simple, compound, and easement curves, widening of curves, vertical curves, setting slope stakes, ordinary earthwork computations, and mass diagrams. Prerequisite: course S60. 4 s.h. (E) ASSISTANT PROFESSOR WATSON

70. Civil Engineering Drawing.—Elements of topographical and structural drafting. Two three-hour drawing periods. Prerequisite: course G.E. 1-2. 2 s.h. (E) PROFESSOR BIRD

115. Highway Engineering.—Location, construction, and maintenance of roads and pavements; dust prevention; road economics. 3 s.h. (E) PROFESSOR HALL

116. Railroad Engineering.—Construction and maintenance of track and trackwork; economic and operating conditions affecting location. Prerequisite: course 63-64, or concurrent. 2 s.h. (E) ASSISTANT PROFESSOR WATSON

118. Materials of Engineering.—Study and testing of materials commonly used in engineering. Prerequisite: course G.E. 107 or concurrent. 3 s.h. (E) MR. WILLIAMS

123-124. Sanitary Engineering.—

(a) **Hydrology.**—Factors affecting precipitation; evaporation from land and water surfaces; relation of precipitation to run-off; estimating run-off; floods and flood flows. Stream gauging.

(b) **Public Water Supply.**—Quantity and quality of water required, hydraulics of wells, reservoirs, works for purification and distribution of water. Standard laboratory tests for chemical and bacteriological examination of water.

(c) **Sewerage.**—Sewerage systems, rainfall and storm water flow, sizes of storm and sanitary sewers, sewage disposal. Standard laboratory tests of sewage. Prerequisite: course G.E. 128. 7 s.h. (E) PROFESSOR HALL

131. Steel Structures—Stresses.—Roofs, parallel chord bridges under all types of loads, inclined top chord bridges, including subdivided panels, wind bracing. Prerequisite: course G.E. 57. 4 s.h. (E) PROFESSOR BIRD

132. Steel Structures—Design.—Built beams, plate girders, tension members, compression members, tension and compression members, end posts, stringers, floor beams, pins, plates, etc. Drafting. Prerequisites: courses G.E. 107 and 131. 4 s.h. (E) PROFESSOR BIRD

133. Reinforced Concrete.—Theory and design of reinforced concrete beams, slabs, columns. Prerequisite: course G.E. 107. 3 s.h. (E) PROFESSOR BIRD

134. Advanced Reinforced Concrete.—Retaining walls, foundations, buildings, rigid frames. Prerequisites: courses 133 and 135. 3 s.h. (E) PROFESSOR BIRD

135. Soils and Foundations.—Fundamental relations and soil classification, Atterberg limits, capillary phenomena and permeability of soils, soil stabilization. Different behavior of granular and plastic soils affecting the foundations of structures, earth pressure against retaining walls. Prerequisite: course G.E. 107. 3 s.h. (E)
ASSISTANT PROFESSOR WATSON

137-138. Seminar.—Students are required to make reports and to talk on current engineering literature or on such other topics as may be assigned. 2 s.h. (E)
STAFF

143-144. Projects in Civil Engineering.—This course may be assigned by the Chairman of the Department to certain Seniors who have shown an aptitude for research in one distinct field of civil engineering, in which case it may be substituted for certain general civil engineering courses. 3-6 s.h. (E)
STAFF

240. Indeterminate Structures.—Introductory course dealing with the application of theory of least work, deflection, and rotation to indeterminate stresses. Problems are solved analytically, graphically, and by deformer. Prerequisites: course 131 and ability to read French or German. 3 s.h. (E)
PROFESSOR BIRD

ELECTRICAL ENGINEERING

PROFESSOR SEELEY; ASSISTANT PROFESSOR MEIER;
MESSRS. KRAYBILL AND VAIL

51-52. Survey of Electrical Engineering.—A general survey course covering the entire field of electrical engineering, intended to give the electrical engineering student a general preview of the subject as a whole. Required of Sophomores. Prerequisites: Freshman mathematics and concurrent physics. 6 s.h. (E)
ASSISTANT PROFESSOR MEIER

151. Theory of Direct Current Circuits.—A course consisting of lectures and recitations covering the fundamental theory of direct current circuits. Prerequisites: course 51-52, Physics 57-58, Mathematics 59, 60. Mathematics 131 should be taken concurrently. 4 s.h. (E)
MR. VAIL

152. Theory of Alternating Current Circuits.—A course covering the algebra of vectors and complex quantities, nonsinusoidal waves, polyphase circuits, harmonics, and unbalanced three-phase circuits. Two-hour class, two-hour computation. Prerequisites: course 151, Mathematics 131. 3 s.h. (E)
MR. VAIL

153-154. Principles of Electrical Engineering.—An elementary course consisting of lectures, recitations, and laboratory covering the principles of direct and alternating current circuits, machinery, and their applications, designed especially for students in civil and mechanical engineering. This course includes one three-hour period in the electrical machinery laboratory per week. Prerequisite: Physics 57-58. 6 s.h. (E)
MESSRS. KRAYBILL AND VAIL

155. Direct Current Machinery.—A study of the principles which underlie the design and operation of all types of direct current machinery. Prerequisites: courses 151, 161-162. 2 s.h. (E)
ASSISTANT PROFESSOR MEIER

156. Electric Transportation.—Construction, operation, and uses of electric equipment in air, land, and sea transportation. Elective. Prerequisites: courses 151, 152, 161-162, or 153-154. 3 s.h. (E)
MR. KRAYBILL

158. Electric-Power Stations.—A course of lectures and recitations pertaining to the design, construction, and operation of electric power stations, both steam and hydraulic. Consideration of prime movers; generating machinery; switchboards; instruments, relays, and protective devices; operation and management; visits to neighboring plants. Prerequisites: courses 151, 152, and M.E. 103-104. 2 s.h. (E)
MR. VAIL

159. **Electric-Power Transmission.**—A course of lectures and recitations on the factors involved in the transmission of electrical energy over long distances and the use of hyperbolic functions in the solution of transmission line problems. Two-hour class, two-hour computation. Prerequisites: courses 151, 152. 3 s.h. (E) PROFESSOR SEELEY

161-162. **Electrical Circuits Laboratory.**—This course provides experimental verification of the theory developed in courses 151 and 152, and should be taken concurrently. Three hours per week. 2 s.h. (E) PROFESSOR SEELEY, MR. VAIL

163-164. **Electrical Machinery Laboratory.**—A study of the technique of testing electrical machines and a thorough analysis of their performance. Concurrent with courses 155, 258. 2 s.h. (E) ASSISTANT PROFESSOR MEIER

165-166. **Electrical Engineering Seminar.**—Seniors are required to present reports and dissertations on material appearing in current engineering literature. Juniors may participate, but without credit. 2 s.h. (E) MR. VAIL AND STAFF

173-174. **Projects in Electrical Engineering.**—Project work may be undertaken only by those who show special aptitude, or who have had previous experience on some problem. The consent of the Chairman of the Department must be obtained before registering. Seniors only, elective credit. 3-6 s.h. (E) PROFESSOR SEELEY AND STAFF

257-258. **Alternating Current Machinery.**—A course covering the theory underlying the design, construction, and operation of synchronous generators, transformers, polyphase induction and synchronous motors, single-phase motors of all types, converters and rectifiers. Prerequisites: courses 152, 155. 6 s.h. (E) ASSISTANT PROFESSOR MEIER

261. **Communication Engineering, Audio Frequency.**—An advanced course on the principles underlying voice-frequency communication covering nature of speech and sound, wave propagation over metallic circuits, filters; resistance, inductance, capacitance at audio frequencies; transmission characteristics of communication equipment. Two-hour class, three-hour laboratory. Prerequisites: courses 151, 152, Mathematics 131. 3 s.h. (E) PROFESSOR SEELEY, MR. KRAYBILL

262. **Communication Engineering, Radio Frequency.**—An advanced course on the principles underlying radio communication, covering vacuum tubes, vacuum-tube circuits, oscillating and coupled circuits, antennae, radiation, transmission and reception. Three-hour class, three-hour laboratory. Prerequisite: course 261. 4 s.h. (E) PROFESSOR SEELEY, MR. KRAYBILL

263-264. **Mathematical Analysis of Electrical Circuits.**—An advanced course on the detailed mathematical analysis of certain circuits used in electrical engineering, with an introduction to the use of operational calculus as applied to electrical circuits. Elective. Prerequisites: courses 151, 152 and Mathematics 131. 6 s.h. (E) PROFESSOR SEELEY

MECHANICAL ENGINEERING

PROFESSOR WILBUR; ASSISTANT PROFESSORS REED, CHAPMAN, LEWIS;
MESSRS. THEISS AND HOFFER

51. **Constructive Processes.**—Recitation course covering fundamentals of metallurgy and general processes of casting, forging, and machining. Demonstrations of basic machining operations are made. Prerequisite: Chemistry 2. Open only to mechanical engineering students. 3 s.h. ASSISTANT PROFESSOR CHAPMAN

52. Kinetics-Mechanism.—For E.E. students. Motions of particles. Applications of Newton's Laws of Motion to motions of rigid bodies. Work, Energy, Impulse, and Momentum. Linkages, cams, gears, trains of mechanism. Three recitations, three laboratory hours. Prerequisites: G.E. 2, G.E. 57, Mathematics 59. Mathematics 60 concurrently. **4 s.h. (E)**

ASSISTANT PROFESSORS REED, CHAPMAN, LEWIS

54. Kinetics-Mechanism.—For M. E. students. Motions of particles. Applications of Newton's Laws of Motion to motions of rigid bodies; principles of work, energy, impulse, and momentum. Linkages, belts, ropes, chains, cams, gears, trains of mechanism. Three recitation hours, six laboratory hours. Prerequisites: G.E. 2, G.E. 57, and Mathematics 59. Mathematics 60 concurrently. **5 s.h. (E)**

ASSISTANT PROFESSORS REED, CHAPMAN, LEWIS

55. Steam Engineering.—Elementary principles of boilers, engines, turbines, and auxiliaries; properties of steam; fuels and combustion. Prerequisite: Physics 18. **2 s.h. (E)**

PROFESSOR WILBUR

101-102. Engineering Thermodynamics.—A study of thermodynamic properties and processes of gases, vapor and gas-vapor mixtures; cycles; efficiencies and performance of steam power plant equipment. Three recitations. Prerequisites: M.E. 55, Physics 58, and Math. 60. **6 s.h. (E)**

PROFESSOR WILBUR AND MR. THEISS

103-104. Heat Power Engineering.—A short course in engineering thermodynamics combined with applications to power plant design. For civil and electrical engineering students. Prerequisites: Mathematics 60, M.E. 55. **6 s.h. (E)**

ASSISTANT PROFESSOR REED

105. Fluid Mechanics.—Fluid statics; kinematics of fluid flow; application of fluid dynamics theory to flow through orifices, weirs, and pipes; general principles of centrifugal pumps and turbines. Prerequisite: M.E. 54. **3 s.h. (E)**

ASSISTANT PROFESSOR CHAPMAN AND MR. HOFFER

108. Aeronautics.—A general course applying fluid mechanics principles to airfoils, propellers, and the complete airplane. Prerequisite: M.E. 105. **3 s.h. (E)**

ASSISTANT PROFESSOR CHAPMAN AND MR. HOFFER

113-114. Junior Mechanical Engineering Laboratory.—Open only to mechanical engineering students. First semester, three laboratory hours, devoted to experiments and reports in hydraulics, flue gas analyses, calorific value of fuels. Second semester, six laboratory hours, devoted to experiments and reports related to thermodynamics, such as boiler inspection, air compression, injectors, steam and fuel calorimetry. Prerequisite: M.E. 55. M.E. 101-102 concurrently. **3 s.h. (E)**

MR. THEISS

115-116. Junior Mechanical Engineering Laboratory.—For C. E. and E. E. students who are taking M.E. 103-104. Experiments and reports on measuring instruments and apparatus, flow of air, steam and water, economy of boilers, steam and internal combustion engines. Three laboratory hours. **2 s.h. (E)**

ASSISTANT PROFESSOR REED AND MR. THEISS

150-151. Machine Design.—Application of principles of Strength of Materials, Constructive Processes, and Engineering Drawing to design of riveted and welded connections, pressure vessels, and machine elements, followed by design of at least one complete machine. Two recitations, three laboratory hours. Prerequisites: G.E. 107, M.E. 51, M.E. 54. **6 s.h. (E)**

ASSISTANT PROFESSORS REED AND CHAPMAN, MR. THEISS

153. **Heating and Air Conditioning.**—Fundamentals of heating and air conditioning, determination of heat losses and gains, design of steam, hot water and warm air heating and air conditioning systems for homes, offices and industrial buildings. Prerequisites: M.E. 102 or M.E. 104. M.E. 159 concurrently. 3 s.h. (E) ASSISTANT PROFESSOR REEL

154. **Refrigeration Engineering.**—Fundamentals of refrigeration theory and design, with applications in industry. Prerequisites: M.E. 102 or M.E. 104. M.E. 160 concurrently. 3 s.h. (E) ASSISTANT PROFESSOR REED

155. **Internal Combustion Engines.**—Principal cycles; fuels and fuel mixtures; effect of real mixtures on theoretical cycles; combustion; carburetion and fuel injection. Thermodynamic analysis of engine performance. Modern developments in the internal combustion engine. Three recitations. Prerequisite: M.E. 101-102. 3 s.h. (E) PROFESSOR WILBUR

156. **Airplane Engines.**—A study of the qualities desirable in an airplane engine and design calculations. These calculations include such items as indicator card, inertia and gas loads, crankshaft vibration, and fin area required for proper cooling. Three recitations. Prerequisite: M.E. 155. 3 s.h. (E) MR. HOFFER

158. **Industrial Engineering.**—A study of the industrial growth and present tendencies of productive industries as concerns the engineer. Specific topics treated are: plant location; organization; production and cost controls, wage payment, etc. Seniors only. Three recitations. 3 s.h. (E) MR. THEISS

159. **Senior Mechanical Engineering Laboratory.**—Tests and reports on performance and economy of internal combustion engines, steam engines and turbines; heat transfer, radiator tests, and heat balances. Required of all seniors in mechanical engineering. Six laboratory hours. Prerequisite: M.E. 114. M.E. 153 concurrently. 2 s.h. (E) MR. THEISS

160. **Senior Mechanical Engineering Laboratory.**—Required of all Mechanical Option seniors. Tests and reports on boiler, engine, turbine, condenser and accessories; heat transfer; refrigeration equipment. Six laboratory hours. Prerequisite: M.E. 159. M.E. 154, 162 concurrently. 2 s.h. (E) MR. THEISS

162. **Power Plant Calculations.**—Study of economic and engineering factors in developing steam power plants. Consideration of the performance of boilers, prime movers, condensers and various auxiliaries in various groupings as they affect the plant heat balance. Three recitations. Prerequisites: M.E. 101-102 or 103-104. PROFESSOR WILBUR

171-172. **Airplane Design.**—The design of an airplane to accomplish a specific purpose, this design to include three-view drawing, determination of air and inertia loads, and stress analysis as proof of structure. All work must be in a form acceptable to the Civil Aeronautics Board. Three laboratory periods. Prerequisites: M.E. 150, M.E. 108. M.E. 151 concurrently. 6 s.h. (E) MR. HOFFER

173-174. **Aerodynamics.**—A review of the physics of air leading into a study of airflow around aerodynamical shapes, this study progressing into an analysis of air forces that terminates in performance estimation. Two recitations. Prerequisites: M.E. 105, M.E. 108. 4 s.h. (E) MR. HOFFER

176. **Aeronautics Laboratory.**—This course includes performance tests on airplane engines, installation problems and operational characteristics of aircraft instruments, and tests of aerodynamical shapes in the wind tunnel. Two laboratory periods. Prerequisite: M.E. 156. M.E. 174 concurrently. 2 s.h. (E) MR. HOFFER

197-198. **Projects in Mechanical Engineering.**—This course may be assigned by the Chairman of the Department to certain Seniors who express a desire for such work and who have shown aptitude for research in one distinct field of mechanical engineering. Elective credit either semester. 3-6 s.h. (E)
PROFESSOR WILBUR AND STAFF

199-200. **Seminar.**—Students are required to make reports and to talk on current engineering literature or on such topics as may be assigned. 2 s.h. (E)
STAFF

AERONAUTICS—GROUND SCHOOL COURSES

Required of students enrolled in Civilian Pilot Training Courses.

51. **Elementary Air Navigation and Meteorology.**—Systems of Avigation, Maps and Charts, Instruments, Piloting, Dead Reckoning Problems, Instruction in this course corresponds to CAA primary course.

MR. WILLIAMS

A study and physical explanation of the properties of the atmosphere, including pressure, temperature, humidity, winds, clouds, thunderstorms, fog, ice, etc., also air masses and their interactions; a study and interpretation of weather maps. Designed as part of the primary Civil Aeronautics Training Course for students of aviation.

DR. CONSTANT

For students in the Primary CPT course. 3 s.h.

151. **Advanced Air Navigation and Radio Instruction.**—Review of elementary air navigation; more complicated problems in dead reckoning; elementary celestial navigation; use of airway aids such as radio ranges, airway and airport traffic control; and twelve thirty-minute periods devoted to instruction and practice on radio code.

PROFESSOR BIRD AND STAFF

For students in Secondary CPT course. 2 s.h.

161. **Aircraft.**—Aerodynamics and Structures of Airplanes, Instruments, and Parachutes.

MR. HOFFER

For students in Secondary CPT course. 2 s.h.

171. **Airplane Power Plants.**—The power plant and the pilot; fundamental requirements and availability of power plants; engine nomenclature, fuel systems, carburation, propellers, power plant operation and maintenance.

PROFESSOR WILBUR, MR. HOFFER

For students in Secondary CPT course. 3 s.h.

GENERAL REGULATIONS

TRINITY COLLEGE, WOMAN'S COLLEGE, AND COLLEGE OF ENGINEERING

The academic year is divided into two semesters. The first semester of the academic year 1942-43 begins September 16; the second, January 25. Commencement Day, 1942, is May 29; 1943, May 22.

TIME OF ENTRANCE

Patrons of the University and students who intend to enter the Freshman Class are reminded that the placement tests are held at the opening of the first semester in September and that this is the proper time to enter. If an applicant for admission cannot come early in the year, he should wait, except in very usual cases, until the opening of the next semester. It is important that all students be present on the first day of the session, for those who are late incur the penalties described above in this catalogue under the topic "Admission to College" and below under the subtopic "Course Cards." Students who enter after the beginning of the semester are marked absent in the work they have missed in the courses to which they are admitted, and these absences are counted as other absences from class.

For Freshmen who wish to follow the accelerated program and begin the work of the Freshman year in the Summer Session, the schedule for tests will naturally be adjusted to fit the time of admission. Full information about the accelerated program will be given on application.

MATRICULATION, REGISTRATION, AND ENROLLMENT

All students must appear before the Committee on Admission and obtain cards for admission. Cards of admission must be presented at the Treasurer's Office at the time of matriculation. All students, both old and new, are required to matriculate at the beginning of each semester and to obtain from the Treasurer a certificate of matriculation which serves also as an enrollment card. Students matriculating in either semester at a date later than that prescribed in this catalogue shall pay to the Treasurer a penalty of \$5.00 for late registration. Students whose course cards have been approved in the spring in the manner provided below are given an opportunity during the summer to matriculate by mail for the first semester. No student without a matriculation card is admitted to any class.

COURSE CARDS

Members of the Freshman, Sophomore, and Junior classes are required to submit to the Dean, not later than the date of spring registration,

cards showing their selection of courses for the following year. These cards must be approved by the Dean. After being approved, the cards must be filed for permanent record in the Dean's Office. Students in the Freshman, Sophomore, and Junior classes who do not select their courses for the following year at the time appointed have to pay a fee of \$5.00 to the Treasurer of the University before their course cards may be approved in the fall. The same regulations apply for the second semester. Students whose course cards have been approved but who, for reasons not arising within the University, desire to make a change in the card approved have to pay to the Treasurer a fee of \$1.00 for each change made. No course may be elected later than two weeks after the opening of the semester.

If a student drops a course without permission from the Dean of the College, the grade for that course shall be recorded as "F."

If a student drops with permission a course in which he is failing at that time, the grade for that course shall be recorded as "F" unless, in the judgment of the Dean, circumstances do not justify this penalty.

EXAMINATIONS

Mid-year and final examinations are held in all subjects in January and May, respectively. The examination record combined with the record made in class constitutes the student's final grade.

REGULATIONS REGARDING GRADES

The following regulations have been adopted by the Faculty:

Grades shall be reported so as to indicate one of four things:

(1) *Passed*. A grade "A," "B," "C," or "D" shall indicate that a student has passed a course. The work of this group of students shall be graded according to the following system: "A": exceptional; "B": superior; "C": medium; "D": inferior.

(2) *Failed*. A grade of "F" shall indicate that the student has failed in the course and that in order to receive credit for the course he shall be obliged to take the work again in class.

(3) *Incomplete*. (a) A grade of "I" may be reported by the instructor if for any reason he is unable to report the final grade at the regular time. (b) All students (with incomplete grades) who have not satisfied the requirements of the departments concerned and who have not obtained a passing grade before the close of the semester following the date of the regular examination in which the "I" was incurred are regarded as having failed on the course concerned and must repeat the work in class in order to receive credit.

(4) *Absent from Final Examination*. (a) The grade "X" shall indicate that the student was absent from the final examination. (b) A student absent from examination and marked "X," if his absence has been excused by the Dean of the College, may receive an examination on the payment of a fee of \$3.00 to the Treasurer of the University. The department concerned shall arrange for the examination in cases where

absences are incurred and excused and the grade reported in these cases shall be that earned by the student. (c) All students (with "X" grades) who have not satisfied the requirements of the department concerned and who have not obtained a passing grade before the close of the semester following the date of the regular examination in which the "X" was incurred, are regarded as having failed on the course concerned and must repeat the work in class in order to receive credit. (d) If a student's absence from an examination is not excused by the Dean of the College, his grade for the course concerned shall be recorded as "F."

EXPLANATION OF QUALITY-POINT SYSTEM

The requirements for the degree are reckoned not only in semester-hours but also in quality-points. Quality-points are the points earned by a student according to his grades, for each semester-hour of credit. The grade "A" gives three quality-points for each semester-hour of credit; the grade "B" two quality-points; the grade "C" one quality-point. The grade "D" carries no credit in quality-points. For the grade "F" one quality-point is deducted for each semester-hour of failure. Credit for 122 quality-points, exclusive of those earned in physical education, is required for the degree of Bachelor of Arts or Bachelor of Science in all groups.

NUMBER OF HOURS OF CLASSWORK

No undergraduate student is allowed to take less than fourteen hours of classwork a week without special permission of the Dean.

No undergraduate student may take more than seventeen semester-hours of work in one semester, if he fails to make eighteen quality-points on the work of the preceding semester.

CLASS STANDING

For a student to rank as a Sophomore, he must have to his credit twenty-four semester-hours with an average grade of "C"; as a Junior, sixty-six semester-hours with an average grade of "C"; as a Senior, ninety semester-hours, with an average grade of "C."

SENIOR WORK

A student of the Senior Class irrespective of his average grade in preceding years, must, in order to be eligible for graduation, complete his work of the Senior year with an average grade of "C" or better.

EXCLUSION FOR FAILURE

A student of the Freshman Class entering college for the first time is not permitted to remain in the University in the second semester unless he passes as much as six semester-hours of the work of the first semester; any other student is not permitted to remain in the University in the sec-

ond semester unless he passes as much as nine semester-hours of work in the first semester.

A student of the Freshman Class is not permitted to re-enter in September, nor to enter the Summer Session, if he did not pass at least six semester-hours of work in the second semester of the previous year and a total of eighteen semester-hours of work for the entire year; any other student is not permitted to re-enter in September, nor to enter the Summer Session, if he did not pass at least nine semester-hours of work in the second semester of the previous year and a total of eighteen semester-hours of work for the entire year.

STUDENTS TRANSFERRING FROM OTHER INSTITUTIONS

Students whose advanced credits from another institution are accepted by the University will be given an average grade of "C" on the semester-hours with which they are credited, provided their grades warrant it.

DEFICIENCIES IN COMPOSITION

The following regulations have been adopted by the Faculty:

1. Any Freshman who is found by the English Department to be unable to handle satisfactorily the work of composition in English 1-2 is required to take special work until he is able to do satisfactorily the regular work of English 1-2.

2. No student who has failed in English 1-2 or 53 is permitted to become a special student without continuing his work in composition until he has made up his deficiency in this work.

3. Whenever the work of a student in any subject is satisfactory to an instructor except for gross errors in English, the instructor concerned may hand in a provisional grade only. This grade may not be recorded in the college files until the student shall have improved his work in composition to the satisfaction of the English Department. A list of such provisional grades, along with evidence of deficiencies, shall be furnished the English Department each term by the officers in charge of the grades, and a report shall be made by this department when the deficiencies shall have been removed.

4. All instructors are requested to advise their students each semester concerning these regulations.

CANDIDATES FOR ACADEMIC DEGREES

1. A tentative list of all candidates for the Bachelor's degree shall be prepared under the supervision of the Dean of the College as early in the college year as possible, shall be read by him to the Faculty at its first regular meeting in October, shall be furnished in copy to each department of instruction for information and reference, and also shall be posted in copy on the official bulletin board of the University for the information of the students concerned.

2. Copies of the second such tentative list likewise shall be prepared, read, and distributed by April 15.

3. A final list of all candidates for the degree shall be read by the Dean to the Faculty at its first regular meeting in May and shall be adopted by the Faculty as the final list. After the adoption of this list no name may be added to it.

A student who completes in a summer session the work required by the University for the Bachelor's degree will be granted the degree at the end of that session.

THE DEAN'S LIST

Students of the Junior and Senior classes who, at the mid-year or final examinations, have attained in Duke University an average of "B" in their courses of the half-year just closed and who have not received a grade of "F" in any course may be placed on the Dean's List for the succeeding half-year. The privilege of the Dean's List is also extended to eligible members of the Sophomore Class during their second semester.

The name of a student may be withdrawn from the List at any time by the Dean, if the student fails to maintain a satisfactory standard of scholarship and conduct.

Students whose names are on the Dean's List will not be subject to the general regulations of the University governing class attendance. This privilege, however, may not be exercised in courses primarily open to Freshmen. Furthermore, such students are required to be present at the meeting of classes immediately before and after any holiday, unless they are excused by the Dean of the College.

If for any reason a student is removed from the Dean's List during, or at the close of the second semester of his Junior year, his name may not be reinstated on the List.

CLASS ATTENDANCE AND ABSENCES

Regular and punctual attendance in classwork is required of all students not on the Dean's List.

The purpose of the following rules is to provide for those absences made necessary by illness and all other emergencies. Students should reserve these absences for such occasions.

If a student incurs during a semester more than five absences from a three-hours course of study he is carrying (the number of absences allowed in any other course being proportionate to the credit hours the course carries), he shall suffer the loss of quality-points as follows: for the first absence in excess of the number allowed, one; for the second, two; for each absence thereafter, three. Absences due to prolonged illness or to authorized representation of the University in a student activity are excused without effect on grades. However, if other absences, unless unavoidable, are incurred after such excused absences, they will cause the loss of quality-points in accordance with the penalty as defined above.

If the total number of a student's absence in all courses for which he is registered during a single semester amounts to one more than the total number allowed, except under the provisions of the preceding paragraph, his total credit for that semester is reduced by one hour and for each additional five absences a reduction of one hour of credit is made.

As soon as the number of absences in a single semester course, exclusive of the absences due to prolonged illness and authorized representation of the University, exceeds three times the number of credit hours the course carries, registration in that course is cancelled.

A student is counted absent from meetings of a class held before he matriculates at the beginning of a semester.

All consecutive absences from the University, before or after any holiday, shall be counted as triple absences.

In addition, a student for excess absences may, at the discretion of the Dean, be put on probation or dropped from the College.

Weekly reports of all absences of students from class are made by each instructor and are filed in the office of the Dean. A permanent record of the attendance of each student is kept and becomes a part of his general college record.

The instructor has no authority to excuse a student from class attendance, and it is his duty to report all absences, for whatever cause, to the Dean's Office at the end of each week.

ASSEMBLY AND CLASS MEETINGS

TRINITY COLLEGE AND COLLEGE OF ENGINEERING

There shall be held on the first Thursday of each month of the college year in Page Auditorium, from 12:30 P.M. to 12:50 P.M., an assembly of all Seniors, Juniors, Sophomores, and Advanced Freshmen of Trinity College, and at this period of the day separate meetings of these four groups on the second, third, and fourth Thursdays of each month. There shall be a class meeting of the Freshman Class on each Saturday of every month at the time named above. The Engineering assemblies are held on the first Wednesday of each month from 12:30 P.M. to 12:50 P.M. in 104 Asbury.

Attendance upon all of these meetings is compulsory for all students involved. Any student incurring in a semester a total of more than four absences from them automatically excludes himself from college.

WOMAN'S COLLEGE

A weekly assembly is held for all students in the Woman's College, and an additional assembly for all Freshmen and transfer Sophomores. A meeting of the Freshman Class is held each week and other classes meet at appointed times.

Attendance upon all of these meetings is compulsory for all students involved.

SCHOLASTIC REGULATIONS FOR ATHLETIC AND OTHER ORGANIZATIONS

The following regulations have been adopted by the Faculty:

1. Any student who receives less than a passing grade on more than six hours of his required work of the preceding term shall be ineligible to represent the University in any athletic contest, concert, or other public event.

2. Members of athletic teams or other student groups engaging in public representation of the University are expected to be carrying satisfactorily their current work. A student may be barred from participation in such representation if, in the opinion of the Dean, he is not doing satisfactorily his current work.

Duke University is a member of the Southern (Athletic) Conference and observes the following scholastic requirement of that Conference:

"The scholastic requirement for eligibility to participate in varsity intercollegiate sports shall be the passing by the applicant of a minimum of twenty-four semester-hours or thirty-six quarter-hours of the work of his immediately preceding year in college; with the proviso that graduate students and students in the schools of law and medicine become scholastically eligible on the certificate of the deans of their schools."

THE ATHLETIC COUNCIL

The Board of Trustees, at its regular annual meeting in June, 1907, created an Athletic Council to be composed of eleven members appointed annually: three from the Faculty, to be appointed by the President of the University; four from the alumni, elected by the Alumni Association; and four from the undergraduates, one from each of the four classes, elected by the members of each class.

The three members of the Athletic Committee of the Faculty are the Faculty representatives in the Athletic Council. This committee alone has the responsibility of enforcing the scholastic and athletic requirements of the University for student participation in intercollegiate sports. The athletic eligibility rules are those of the Southern Conference; the scholarship requirements are printed elsewhere in this catalogue.

The Executive Committee of the Athletic Council is composed of the Chairman of the Faculty Committee on Athletics, and one other Faculty member and one alumni member of the Council. The Athletic Council on recommendations of its Executive Committee arranges athletic schedules, awards insignia of merit earned by members of athletic teams, and strives to promote among students of the University a proper and helpful athletic spirit; to encourage good fellowship in such sports both within the student body and toward student bodies of other educational institutions; through athletic sports to help cultivate a high sense of honor, earnest, unselfish effort, and manly conduct. The Executive Committee of the Council recommends to the President of the University persons to serve

as Graduate Manager of Athletics and as coaches in the various sports. However, the election of such persons rests solely with the Trustees of the University or the Executive Committee of the University, on recommendation of the President of the University.

All funds arising from athletics are handled entirely by the Treasurer of the University. An audit of the receipts and disbursements of these funds is made annually by the official auditors of the University.

CONDUCT OF STUDENTS

The University expects of its students loyal and hearty co-operation in developing and maintaining high standards of conduct as well as of scholarship. The University therefore reserves the right, and matriculation by the student is a concession of this right, to ask the withdrawal of any student whose conduct at any time is not satisfactory to the University, even though no specific charge be made against the student.

ADMINISTRATION OF DISCIPLINE

General oversight of the conduct of students and the administering of discipline are vested in the Dean of the University. The duty of immediate supervision, guidance, and control of the students in each college is entrusted to the Dean of that College. However, through the expressed willingness of the students of the University to assume the responsibility of maintaining high standards of morals and honor at all times the student body has properly become in a great degree self-governing in this respect. Two councils, one of men and the other of women, each composed of carefully chosen and duly elected representatives of the student body, exercise the authority granted the students to investigate all cases of misconduct, as well as all other cases of violation of proper student standards and traditions and to make recommendations of penalties based on their findings. Occasions seldom occur where such recommendations are not accepted and enforced.

The student councils have been of great help to the administrative authorities of the University. They not merely exercise police authority for restraining and punishing evildoers but also exert a guiding and stimulating influence for the promotion of high ideals of conduct and student relationships.

REGULATIONS REGARDING PUBLIC LECTURES AND OTHER PUBLIC OCCASIONS

All public lectures or addresses and other public events that are given under the auspices of the University or of any organization in any way connected with the University are under the supervision of the Faculty Council on Public Lectures. All dates and programs must be approved by this council except in instances where such occasions have been placed under the supervision of the Director of Public Relations.

(1) The Council on Public Lectures shall provide each year an official calendar.

(2) All public occasions held on either the East or West University Campus are listed for the Weekly Calendar of Duke University in the office of the Department of Public Relations and Alumni Affairs in the West Campus Union. This calendar appears each Saturday, and such notices must be received by 10:00 A.M. on the Friday preceding.

Social or other events held in the West Campus Union must be listed in the office of the Director of Public Relations and Alumni Affairs, and permission must be secured for such social use of the public rooms in the building.

REPORTS

Reports of the class attendance records and of the proficiency of each student in studies are sent to his parents or guardians after the examinations at the end of each semester. For Freshmen, midsemester reports are made.

HEALTH AND PHYSICAL EDUCATION

The program of Health and Physical Education in Duke University has four distinct phases, as follows:

1. Student Health.
2. Physical Instruction.
3. Intramural Sports.
4. Intercollegiate Athletics.

MEDICAL CARE

With the exceptions noted below, full medical and surgical care is furnished to all regularly matriculated students of the University, during both the college year and the summer quarter, at no additional cost to them beyond the medical fee of \$5.00 payable each semester or the medical fee charged each student of the summer quarter. This service is under the direction of the University Physician with the co-operation of the Staffs of the Infirmaries (one on each campus) and the University Hospital. It includes hospitalization (limited to thirty days), medical and surgical care, drugs, dressings, X-ray work, and ward, but not special, nursing. A charge for board is made at the same rate as in the University dining halls, and student meal tickets for these halls are accepted in payment of this board. Refraction of eyes, treatment of teeth and of all chronic and pre-existing conditions, such as diseased tonsils, hernias, elective surgery, chronic skin conditions, endocrine disturbances, etc., or accidents or illnesses occurring during vacations or while off the campus, are not included in this service. The cost of any necessary braces and orthopaedic appliances, as well as of special nursing, must be borne by the student.

No illness is treated in dormitory or other rooms occupied by students. Students needing treatment for minor medical or surgical conditions have the attention of the Director at his two daily visits to the Infirmaries, which have day and night nurses on duty. Students developing serious

conditions are promptly transferred from the Infirmaries to the University Hospital, where they come under the care of the Staff of the Hospital.

A questionnaire is sent out from the office of the Director of Student Health in the spring to all prospective students, advising certain medical and surgical care by their home physician or surgeon, such as the giving of typhoid or smallpox vaccine, removal of diseased tonsils, correction of errors of refraction, repair of a hernia, or removal of a chronic appendix. Important time is frequently lost in correcting these conditions after entrance into college, and the cost for this work must be borne by the student.

When the student comes to the University, he is given a careful physical examination. Any physical defects are recorded along with the record of the questionnaire from the family physician. All students are requested to be successfully vaccinated against smallpox before admission to the University. It is urgently advised that they take typhoid vaccine if they have not done so within three years.

PHYSICAL EDUCATION AND INTERCOLLEGIATE SPORTS TRINITY COLLEGE AND THE COLLEGE OF ENGINEERING

The University requires all students to engage in some type of physical activity for two years or four full semesters. This work consists of participation in natural, practical, physical activity for at least three one-hour periods each week. A credit of six hours, with an average grade of "C," is required in physical education for graduation. The aims of this work are to improve body control and strength through big muscle activities, to stimulate the development of mental and physical alertness, to establish habits of regular exercise, and to give training and experience in various kinds of recreational sports that will be indulged in after the student graduates from the University.

Intramural sports are fostered and promoted in all lines of athletic activity. Meets, tournaments, and leagues are seasonally organized in the different sports. All students in the University are eligible to enjoy the intramural privileges, provided they comply with the intramural rulings. Participation in these activities is entirely voluntary, but is very popular because it provides an opportunity for every man to enter into competition and recreation in those sports which he enjoys most.

The intercollegiate athletic program is controlled entirely by the University and consists of the organization and training of representative Freshman and varsity teams in the following sports: football, basketball, baseball, track, cross country, swimming, lacrosse, wrestling, tennis, and golf.

WOMAN'S COLLEGE

The Physical Education Department aims to give all students an appreciation of the value of activity for general physical well-being, skill in one or more activities which can be enjoyed as recreation after college, a well-developed and well-coordinated body, and a knowledge of good posture and efficient handling of the body in everyday activities.

To this end, students are allowed to choose from a large number of activities including outdoor individual, dual, and team sports, several types of dancing, swimming, and gymnastics. All Freshmen are expected to take body mechanics in the winter, and each student must elect a rhythm, one team sport, and two individual or dual sports sometime during the three years of required physical education.

A medical and physical examination is required of each student upon entrance, and follow-up examinations are used as a basis for determining the type of physical exercise a student should take and any corrective measures needed. Special remedial and corrective classes as well as rest periods are provided for students who cannot engage in the usual sports and activities.

In addition to the required work in physical education the Dance Club, the Swimming Club, and the Woman's Athletic Association give opportunities for all students to take part in the types of intramural activities most interesting to them. The swimming pool, tennis courts, and other athletic equipment are available to all students for use at specified times.

PHYSICAL EDUCATION AND RECREATION FEES

In order to meet certain hygienic aspects of physical education and intramural athletics the University has made available for all students, in addition to facilities for physical activity and recreation, the following equipment and services:

1. (a) Men. A regulation uniform: shirt, trunks, supporter, socks, sweat clothes, and towel.
- (b) Women. Gym suit, dance costume, bathing suit, warm-up suit.
2. Provision for locker and handling of uniform.
3. The laundering of uniform and towel as needed.

The privileges and services listed above are available to all students upon payment of the Recreation Facilities and Equipment Fee, so long as they comply with rules and regulations established for the care and handling of same. Students enrolled in required physical education courses have been assessed an additional fee (see Laboratory and Materials Fees, pages 168 and 169). This fee is necessary in order to make more equitable the maintenance of locker system and usage of uniform.

PUBLICATIONS COUNCIL

The student publications of the University are under the control of a council that was established in 1924 and reorganized by the Executive Committee of the University in 1935, and is constituted as follows: three (3) members from the University Staff appointed by the President of the University; two (2) members from the alumni appointed by the President of the University; six (6) men from the Junior and Senior classes, elected by the students in Trinity College; four (4) women from the Junior and Senior classes, elected by the students in the Woman's College; and three (3) editors and three (3) managers of student publications,

ex officio members without any voting power. With the advice of the Council, the President of the University appoints each year for each publication an advisory committee of three (3) members from the Staff of the University.

No student publication can be started at the University without the approval of the Council.

RELIGIOUS EXERCISES

Chapel exercises are conducted on Tuesday and Friday throughout the academic year at 12:30 P.M. on the campus for men. Preaching services are held on Sunday at 11:00 A.M. in the University Chapel. Organ recitals are given on Sunday afternoons. In the summer carillon and organ recitals are given twice a week.

APPOINTMENTS OFFICE

The University maintains an Appointments Office whose services are extended to all students and alumni without charge. This office has two divisions, commercial (general placement) and educational (teacher placement). Students and alumni are encouraged to register with the office in order to make available in one center information respecting their various qualifications for the employment they seek.

FEES AND EXPENSES

The following tables show the general fees and charges collected from all students and the special fees collected from those taking courses in the sciences and in history. All fees for each semester are due and payable, unless otherwise specified, at the time of registration at the beginning of that semester and no student is admitted to classes until arrangements have been made with the Treasurer of the University for the settlement of fees.

GENERAL FEES

Matriculation, per semester.....	\$ 25.00
Tuition, per semester.....	100.00
Room-rent—See the detailed statement that follows.	
Athletic Fee, admitting students to all athletic contests held on the University grounds, per semester.....	5.00
*Recreation Facilities and Equipment Fee, per semester.....	1.00
Damage Fee, payable annually at the time of first registration.....	1.00
Medical Fee, per semester.....	5.00
Library Fee, per semester.....	5.00
Commencement Fee, payable annually at the beginning of the second semester	3.00
Publication Fee:	
First semester	3.00
Second semester	2.50
Diploma Fee, payable by candidates for degrees at the beginning of the second semester, refunded if the diploma is not awarded.....	5.00

LABORATORY AND MATERIALS FEES

Botany 1, 2, 52, 55, 101, 104, 202, 204, 221, 255, and 256.....	\$ 2.50
Botany 51, 103, 151, 156, 203, 216, and 252.....	5.00
Forest Botany 224 and 253.....	2.50
**Chemistry 1, 2, 61, 70, 131, 132, 153, 154, 215, 216, 261, and 262.....	7.00
Chemistry 151, 152, 155, 241, 242, 253, and 254.....	8.50
Education 1, 58, 68, and 101.....	1.00
Education 112, 115, 116, 122, and 131.....	7.50
Education 208 (for testing materials in lieu of text).....	2.50
Engineering	
Civil S60—See <i>Summer Session Bulletin</i> .	
Civil 61, 63, 64, 112, 118, 123, 124, 135, 143, 144, and 240	2.00
Electrical 153, 154, 161, 162, 163, 164, 261, 262.....	2.00
General 109	2.00
Mechanical 113, 114, 159, 160, 176.....	2.50
Forest Botany 224 and 253.....	2.50
Forestry 224, 253, 254, 259, 260, 264, 357a, and 358a.....	2.50
Forestry 261, 351, 352, 354, 357b, 358b.....	\$2.50 to \$5.00
Geology 51, 52, 101, 151, and 152.....	2.50
Geology 102	5.00
Field trip in Geology 51-52 and 101-102 at cost.	

* See Physical Education and Intercollegiate Sports, pages 165-166.

** When the laboratory in Chemistry 153-154 supplements that of another course and is taken simultaneously with such course no fee is charged with Chemistry 153-154.

History 91 and 92.....	3.00
No texts are required in these courses, but a fee of \$3.00 is charged, and books are placed in the Library for the use of those taking the courses. This fee is payable at the beginning of the semester and is collected through the office of the Treasurer of the University.	
*Physical Education, per semester, for men.....	1.50
*Physical Education, per semester, for women.....	1.00
Physics 1 and 2.....	2.00
Physics 57, 58, 61, 62, 70, 103, 104, 108, 215, 216, 217, 218, and 219	3.00
Physics 51, 52, and 106.....	5.00
Zoology 1, 2, 92, 161, 204, 219, 220, 222, 274, 276, 306, 324, 343, 353, and 354.....	3.00
Zoology 53, 151, 156, 224, 229, 303, and 321.....	5.00

TEACHERS TAKING COLLEGE COURSES

Teachers in near-by schools, taking one or two courses, are required to pay a registration fee of \$5.00 each semester and a tuition fee of \$3.00 per semester-hour of credit in addition to any regular laboratory fee or other fees collected from those students taking the courses.

ESTIMATED EXPENSES FOR AN ACADEMIC YEAR

The necessary expenses of a student are moderate; the University dormitories provide thoroughly comfortable and wholesome living conditions at a minimum of cost, while all charges made by the University have been kept low. Incidental expenses depend naturally upon the tastes and habits of the individual, but the actual necessary college expenses for one year, including board, room-rent, and such University fees as tuition, matriculation, commencement, library, damage, and medical, vary from \$574.50 to \$639.50. Books and laundry are not included in these figures.

LIVING ACCOMMODATIONS FOR MEN

Single room, per semester—Craven, Crowell, and Kilgo Quadrangles, West Campus	\$75.00
Double room, per student, per semester—Craven, Crowell, and Kilgo Quadrangles, West Campus.....	62.50
Double room, per student, per semester—Southgate Hall, East Campus...	50.00
Double room, per student, per semester—Epworth Hall, East Campus....	30.00

There are three groups of resident houses designated as Craven, Crowell, and Kilgo Quadrangles on the West Campus. The rooms are single, double, or arranged in suites of two rooms for four students. There are thirty-one houses within the three groups designated by the letters of the alphabet.

There are also two dormitories on the East Campus used for men—Southgate and Epworth halls. All these rooms are equipped for two persons. Students in the College of Engineering are expected to live in either Southgate or Epworth, which are located near the Engineering College. Room reservation fees and applications for room assignments should be addressed to the Director in Business Division, East Campus.

* See Physical Education and Intercollegiate Sports, pages 165-166.

Kilgo Quadrangle (eight houses) has been set aside as a Freshman dormitory. A portion of Southgate Hall has also been reserved for Freshmen studying engineering. All Freshmen, except those living at home with their parents, are required to room in one of these dormitories.

Rooms are reserved only for applicants who have been officially accepted by the University, upon application to the Director in the Business Division, Duke Station, Durham, North Carolina. A reservation fee of \$25.00 between April 15 and May 15 at the office of the Director in the Business Division is required. This reservation fee is deducted from the room charges at the time of registration for the fall semester. An applicant who is accepted and has a room reserved is not entitled to a refund of the reservation fee unless the request is made on or before August 1.

A resident student in order to retain his room for the succeeding year is requested to make application accompanied by a reservation fee of \$25.00 between April 15 and May 15 at the office of the Director in the Business Division. All rooms which have not been reserved on or before May 15 will be considered vacant for the succeeding year and will be reserved in the order in which applications are made.

Rooms are rented for no shorter period than one semester, or in the case of a medical student, one quarter, unless by special arrangement with the Director in the Business Division. A period of occupancy other than a semester or quarter and without special arrangement will be charged at a minimum rate of \$1.00 each day.

The exchange of rooms may be arranged for at the Housing Bureau within fifteen (15) days after the official opening of the semester or quarter of the school term. A charge of two dollars (\$2.00) will be made for the exchange of rooms after the periods allowed for such exchange. Persons exchanging rooms without the approval of the Housing Bureau will be subject to charges for both rooms.

The authorities of Duke University do not assume the responsibility of selecting and assigning roommates, though they will gladly render any assistance possible.

DORMITORY REGULATIONS

Duke University is particularly eager that its students shall have the best dormitory life to be found in any institution, and to encourage this has provided buildings and equipment which are not surpassed. The Institution asks and believes that in return each student will respond to this effort by arranging his personal belongings in an orderly manner, and by caring for the buildings and furniture as he would do in the home of a friend. The following regulations are offered as a guide and a reminder that care is desired.

1. The student will be held responsible for any damage to the room or furnishings during the rental period, and will pay for all damages caused by his neglect, misuse or abuse of any part of the University property. Inspections will be made throughout the college year to observe the condition of the rooms and to advise students concerning the care of rooms, if necessary.

2. Maids will prepare the rooms daily except Sunday, the service beginning promptly at 8:00 o'clock A.M. and ceasing at 1:00 o'clock P.M., thereby giving the student complete use of his room during the afternoon.
3. University furniture or furnishings must not be removed from the room in which they have been placed by the University.
4. Electric wiring, door locks, window screens, steam or water lines should not be changed or added, since the University supervises and makes such changes as are necessary and advisable.
5. Pictures, pennants, clippings should be hung from the picture moulding and not tacked or pasted on walls or woodwork.
6. Each student is expected to supply necessary sheets, blankets, pillows, rugs and curtains. Furniture, beds and mattresses (39" x 74"), tables, chairs, dressers, mirrors, and window shades are furnished by the University.
7. All trunks and heavy luggage will be stored in the trunk rooms. Janitors will remove the trunks from the hallways to the storage rooms when they are unpacked.
8. The exchange of rooms or keys should be arranged for at the office. Any exchanges made otherwise will subject the participant to charges for both rooms.
9. The use or possession of intoxicating liquors, wines or beer, and gambling in any manner in any of the buildings or on the grounds of Duke University are forbidden.
10. Animals shall not be kept in the dormitories.
11. Women are permitted in the dormitories only when accompanied by the University Hostess.
12. The use of dormitory rooms as a sales office or storeroom, or the solicitation for sales or gifts within the buildings or on the grounds is prohibited except by appointees of the University.

LIVING ACCOMMODATIONS FOR WOMEN

The Woman's College campus, known as the East Campus, is situated about a mile and a quarter from the West Campus, with a private road connecting the two.

Houses—The seven residence houses on the East Campus are Alspaugh, Aycock, Bassett, Joseph G. Brown, Giles, Jarvis, and Pegram. A plan of the houses will be sent upon request to the Director in the Business Division, College Station, Durham, North Carolina. Each house has a resident head of house and paging system for announcing visitors.

Rooms—All questions concerning rooms should be addressed to the Director in the Business Division. The students' rooms are single, double, or arranged in suites of two rooms for two students.

Room Furnishings—Rooms are supplied with all necessary furniture. Curtains, towels, sheets, pillow-slips, blankets, and heavy bed covering, etc. are furnished by the students. Sash curtains of a standard type are required and can be bought at the College Store. Draperies, small scatter rugs, and study lamps can be brought from home or bought at reasonable prices from the College Store or in the city. Large rugs and heavy overstuffed furniture may not be brought into the dormitories.

Room Rent—

Single room, per student, per semester, Giles, Alspaugh, Pegram, Bassett, Brown and Jarvis Houses.....	\$87.50
Double room, per student, per semester, Giles, Alspaugh, Pegram, Bassett, Brown and Jarvis Houses.....	62.50
Single room, per student, per semester, Aycock House.....	75.00
Double room, per student, per semester, Aycock House.....	50.00

Room Reservation—A room reservation fee of \$25.00 is required before any room reservation can be made for new or returning students. This fee is de-

ducted from the room charges at the time of registration for the fall semester. Applicants for admission are requested not to send the room reservation fee until notified of acceptance. Those who make application and are accepted will not be entitled to have the reservation fee refunded unless the request is made on or before July 15. Those who are accepted after July 15 have ten days in which to pay their room reservation fee. This fee is not refundable.

No room assignments will be made for new students until they have been officially accepted by the Council on Admissions. The room reservation fee of \$25.00 is payable immediately upon notification of acceptance by the Council on Admissions. If room reservation fee has not been received within ten days after notification of acceptance by the Council on Admissions, the admission will be cancelled.

Details relative to the signing of rooms by resident students will be posted on dormitory bulletin boards about April 15. Resident students have the right to retain their rooms for ensuing year or to sign for new ones in the order of their class beginning with the Seniors. The new students are then assigned the remaining rooms, and in so far as possible, the type of room which they prefer. The University is responsible for the fall semester only for securing roommates for new students desiring double rooms. After a student has been a resident for one semester, the responsibility for securing and keeping a roommate is transferred to the student. If a student occupying a double room does not have a roommate by the date posted, approximately two weeks after the beginning of the semester, she will be required to pay double rent. The University is glad to co-operate in assisting the student to find a roommate.

When a room is once engaged by a student no change will be permitted except with the consent of the Director in the Business Division. Leaving one room and occupying another without permission is strictly against the rule and will render the offender liable to a charge for both rooms for the entire semester. No occupant is permitted to rent or sublet a room to another occupant. Rooms are rented for no shorter period than one semester. When a student leaves school before the end of the semester, the charge is \$1.00 a day unless the total charge on this basis is in excess of the room rent for the semester. All undergraduates who are not residents of Durham are required to live in the dormitories unless they are living with their parents or near-relatives. An undergraduate woman who is over twenty-one years of age and who wishes to live in the city may make special arrangements with the Dean. Provision is made for graduate students to live on the campus.

No visitors are permitted in any sections of the dormitories which are occupied by women except by permission of the office of the Head of the House. Merchandising, solicitation, or advertising of any type is strictly forbidden within the dormitories.

BOARDING ACCOMMODATIONS

Trinity College, West Campus.—Beginning with the academic year 1930-31 the University opened its dining hall in the Union on the West Campus with accommodations sufficient to provide in a superior way for all resident men students. Charges for board will not exceed \$25.00 per month.

The Union is the logical center of student activities for men, and it will be found desirable for male students to board in its supervised halls. In the Union are located the University Post Office, the University Store, the University Barbershop, and all publication staff offices.

In addition to the Union dining halls, the Coffee Shop is operated for the convenience of students and visitors.

Woman's College, East Campus.—The dining halls of the Woman's College are situated in the Union, the student center, on the East Campus. No resident woman is permitted to board elsewhere than at this Union. Board is \$112.50 per semester.

Because of the large number of those served in the Union dining halls, it is not possible to arrange special diets for individual students. Special diet for the sick is served in the Infirmary.

The Union includes a Faculty dining room, a lounge, and other rooms for various student activities.

LAWS REGARDING PAYMENTS

The Executive Committee of Duke University has enacted the following regulations which govern the payment of all fees due the University:

1. The President and the Treasurer of the University have no authority to suspend or in any way alter these regulations.
2. Matriculation and tuition fees are never refunded.
3. Any student who has failed to pay his bills on the dates advertised in the catalogue is denied the right to attend classes until his account is settled in full.
4. No student is considered by the Faculty as an applicant for graduation until he has settled with the Treasurer for all of his indebtedness to the University.
5. No student who has not settled all his bills with the Treasurer of the University is allowed to stand the mid-year or final examinations of the academic year.

When a student wishes his bills sent to his parents or guardian, the student or his parent or guardian must so notify the Treasurer of the University in writing in due time, but this in no way releases the student from liability to established penalties, if his bills are not paid on the dates advertised.

TRANSCRIPTS

Students desiring to transfer from Duke University to another institution are entitled to one transcript of their record. A charge of \$1.00 is made for each additional copy.

SCHOLARSHIPS, LOANS, AND EMPLOYMENT AID

Duke University annually awards available scholarships, administers loan funds, and supervises student employment through a committee of the Faculty for deserving undergraduates of Trinity College, the Woman's College, and the College of Engineering.

SCHOLARSHIPS

Scholarships intended to aid needy and deserving students have been established from time to time by persons deeply interested both in Duke University and in the members of its student body. Such scholarships are supported by the income from invested funds. All scholarship endowments are held in trust and are kept separate and distinct from other holdings of the University. All income is faithfully applied in accordance with the terms of the gift or bequest.

In addition, a limited number of scholarships, notably the honorary awards in recognition of scholastic merit and strength of character, are financed through current funds of the University.

Scholarships are awarded annually by a committee of the Faculty appointed by the President of the University. In some cases donors have specified certain limitations and conditions. These are faithfully followed, but in all cases final award is made by the faculty committee.

As a general rule, scholarships cover tuition charges only, though in some instances provision has been made for larger amounts. Any student enrolled in the University or any prospective student may apply for a scholarship. No application, however, may be made formally by a prospective student until application for admission has been made, all necessary credentials presented, and notification of acceptance given. The number of scholarships available is small in comparison with the number of undergraduate students enrolled in the University, and as a result the committee in making the awards attempts in so far as possible to limit scholarship aid to cases where the need is imperative. Before applying for such aid, a student should first have exhausted all means of aid from parents, kinsfolk, interested friends and commercial or civic agencies in his home locality.

All applications for scholarship aid should be made to the Scholarship Committee, Secretary's Office, Duke University.

The list of scholarships available for undergraduates appears in the General Catalogue of the University.

LOAN FUNDS

A number of loan funds have been established for the benefit of students of Duke University. The most important and largest of these is the Angier B. Duke Memorial Student Loan Fund, which is administered

through an advisory committee of officers of the University. Only the earnings of this fund are used for loans, and the amount available annually depends upon the income from investments and on the amount repaid on loans previously made to students.

The same committee of officers administers the other endowed loan funds of the University.

Although a considerable sum accrues annually for loans to students, it is not sufficient to provide for all calls for assistance. The committee in approving loans selects those students who from the standpoint of character, scholastic attainment, personality, and degree of financial need are most deserving of consideration.

The following regulations govern the making of all student loans:

1. No loan shall be made to a student who violates any of the regulations of the University or whose class work is not satisfactory to the Faculty.

2. As a general policy a student is not potentially eligible for loan assistance until he has been in residence at least one semester and until those responsible for the administration of loan funds have had an opportunity to acquaint themselves with the worthiness and the need involved in any particular case.

3. Loans will be made only to students who are taking approved courses of study that lead to a degree, and all loans must be arranged for not later than one week after the beginning of a semester.

4. Every applicant for a loan must present with the application such security as the President of the University may approve, and no money shall be advanced before a note with approved security is in the hands of the Treasurer of the University.

5. No loan will be made to defray any other expenses than those incurred during the academic year for tuition, for matriculation, or for room-rent.

6. Interest at a rate of 6 per cent annually shall be charged for all loans of money, and the interest must be paid annually.

7. Applications for loans should be made to the Loan Committee, Secretary's Office, Duke University Station. A formal application for loan assistance may be made only on blanks furnished in the Secretary's Office at the time of registration. The granting or withholding of a loan is a matter entirely within the discretion of the Loan Committee. A student is expected to use all other possible means of securing financial assistance before applying for aid from the Loan Fund.

EMPLOYMENT

A number of students each year secure part-time employment on the University campus and in the city. Those in need of such employment may apply to the Secretary of the Committee on Student Aid, Secretary's Office, Duke University. No definite number of such places can be promised. Available places will be assigned in accordance with the merit and the need of the applicants.

HONORS AND PRIZES

To be eligible for Honors a student must earn during the year a credit of not less than thirty semester-hours. Students in the Freshman, Sophomore, and Junior classes who earn an average of at least two and one-half quality-points per semester-hour are given Honors. All semester-hours on which a student receives a grade are counted in the determination of Honors.

The degree of Bachelor of Arts or of Bachelor of Science with distinction is conferred upon the following rules:

Students who have completed a minimum of ninety semester-hours in Duke University are eligible for general Honors at graduation. Those who earn an average of at least two and one-half quality-points per semester-hour are recommended for a degree *magna cum laude*. Those who earn an average of at least two and three-fourths quality-points per semester-hour are recommended for a degree *summa cum laude*. All semester-hours taken in Duke University on which a student receives a grade are counted in the determination of Honors.

MEDALS AND PRIZES

The Wiley Gray Medal was established by the late Robert T. Gray, Esq., of Raleigh, North Carolina, to be awarded annually in memory of his brother. It is given for the graduating oration that shall be, in the opinion of a committee, the best, with respect to both declamation and composition.

The Debate Council authorizes the awarding of medals to members of the graduating class who have represented the University in at least two intercollegiate debates. The medals are given by the local chapter of the Tau Kappa Alpha Fraternity.

The Southern History Prize is awarded each year for the best essay dealing with a subject relating to Southern history. The prize is \$25 in cash donated by an anonymous friend of the University. The competition for the prize is conducted according to the regulations adopted by the Trinity College Historical Society.

The Robert E. Lee Prize is the gift of the Reverend A. W. Plyler, of the Class of 1892, and Mrs. Plyler. The sum of \$50 is awarded annually at Commencement, preferably to that member of the Senior Class who in character and conduct, in scholarship and athletic achievement, in manly virtues and the capacity for leadership, has most nearly realized the standard of the ideal student. The Dean of the College, the Graduate Manager of Athletics, and the President of the Student Council constitute a committee to draft and adopt regulations governing the award.

The Dr. R. C. Parker Physics Prize. Dr. R. C. Parker gave to Duke University a silver cup of Chinese manufacture to be used for the encouragement of scholarship in physics. The award is made annually by a committee from the Department of Physics, acting with the President

of the University, to that student of Physics 1-2 who by the end of the academic year is judged to have shown the greatest promise as a student of physics. The winner is chosen not only for his mathematical grades but also for his industry, growth in power of reasoning, originality of point of view, and skill in experimentation. The name of the winner is engraved on the cup which is given into his possession, subject to certain necessary regulations, until the next award is made.

The Iota Gamma Pi Scientific Prize. The Iota Gamma Pi Science Fraternity offers an annual prize of \$25 to a member of the Junior Class, majoring in science, who is judged to be the leading student in the scientific courses of the University. The fraternity submits to the judges a list of students eligible for the prize. The committee of award is composed of the Dean of the University and one member each from the Departments of Geology, Botany, Zoology, Chemistry, Physics, and Engineering. The departments concerned choose their own representatives on this committee. The award is made on the following basis: quality of scientific work, 50 points; personality and general ability, 30 points; quality of work in departments other than scientific, 20 points. The president of the fraternity publicly awards the prize in chapel during the second week in May.

Alpha Kappa Psi Medallion. This prize is offered each year to the member of the graduating class who makes the highest record in economics and business administration during his career at the University.

The Willis Smith Prize. Mr. Willis Smith, a member of the Raleigh Bar and Chairman of the Law School Committee of the Board of Trustees of Duke University, awards each year to that member of the graduating class of the Law School who has maintained the highest scholastic average during the entire three years of Law School work, a prize consisting of a set of books selected personally by Mr. Smith each year for that purpose.

Julia Dale Prize in Mathematics. This is a prize of books given annually to the undergraduate who shows the greatest proficiency in the study of the calculus.

The Milrow Prize, consisting of one year's subscription to the *Electrical World*, is awarded each year to that student from North or South Carolina graduating in the Department of Electrical Engineering, who, in the opinion of the Faculty of that department and as shown by his grades, has made the most progress in electrical engineering during his last year in college.

The Pegram Chemistry Club Prize will be awarded in the spring of each year for scholarship in chemistry, physics, and mathematics. The prize is to consist of one year junior membership in the American Chemical Society, and a one-year subscription to either the *Journal of the American Chemical Society*, or to *Industrial and Engineering Chemistry*. To qualify for this prize the student must (1) be enrolled as an undergraduate of Duke University, (2) be taking or have taken a fourth year chemistry course. The winner of this prize is to be selected by a com-

mittee consisting of at least one Faculty member and at least two members of the Pegram Chemistry Club; the selection is to be based on the quality-point average for all courses taken in chemistry, physics, and mathematics. In case of a tie equal awards will be given.

The Sigma Xi Prize. The Society of the Sigma Xi, honorary scientific society, is devoted to the encouragement of scientific research, and seeks to stimulate those who show promise of accomplishment in scientific research. As an encouragement to younger men and women the Duke Chapter of Sigma Xi has established the following prizes to be awarded annually to students resident at Duke University: \$20.00 for an undergraduate project or paper, \$20.00 for a Master's thesis or its equivalent, and \$40.00 for a Ph.D. dissertation or its equivalent. Nominations, recommendations, copies of theses, reports or other material must be in the hands of the Secretary of the Chapter on or before May 5.

STUDENT ORGANIZATIONS AND ACTIVITIES

The Men's Association of Duke University comprises all men students in Trinity College. It functions through its officers and a council to initiate policies and to oversee matters within the control of the student body. The council is composed of nine members: three executive officers, two representatives from the Senior Class, two from the Junior Class, one from the Sophomore Class, and one from Southgate Dormitory.

The Women's Student Government Association is similar in character to the men's association. Its council is composed of the officers of the association and ex officio of the Y.W.C.A. president and an undergraduate representative.

The Young Men's Christian Association and the *Young Women's Christian Association* are branches of the national student Christian Associations. Each body aims to enrich not only the religious life of its members as individuals but also to promote religious group activity. Delegates are sent each year to summer conferences, state conventions, interstate conventions, and the state Bible and missionary institutes. Every year a series of special religious services is held. The Open Forum Bible Class is conducted under the auspices of the Church Board.

Other organizations and activities include the following:

Bench and Bar Association (Pre-Legal Undergraduates); Classical Club; Debate Council (Men); Debating Club (Women); Duke Flying Club; Duke University Church (Interdenominational); Duke University Pre-Medical Society (Undergraduate Medical Group); Hesperian Union; Isotes (Independent Social Group—Women); Ministerial Fellowship; Modern Dance Group; Nereidian Club (Women); Poetry Club; Quad-angle Pictures; Student Forum Committee (Women); Student Religious Council; The Duke Players; The Explorers' Club; Town Boys' Club; Town Girls' Club; Trident Club; Undergraduate Writers; Women's Athletic Association; and W. H. Pegram Chemistry Club.

HONORARY ORDERS AND FRATERNITIES (NATIONAL)

Alpha Kappa Psi (Economics); Chi Delta Phi (Literary—Women); Delta Phi Alpha (German); Kappa Delta Pi (Education); Omicron Delta Kappa (Leadership—Men); Phi Beta Kappa (Scholarship); Phi Eta Sigma (Freshman Scholarship—Men); Pi Mu Epsilon (Mathematics); Sigma Delta Pi (Spanish); Sigma Pi Sigma (Physics); Sigma Xi (Scientific Society); Tau Kappa Alpha (Forensic); Tau Psi Omega (French); Theta Alpha Phi (Dramatic).

HONORARY ORDERS AND FRATERNITIES (LOCAL)

Beta Omega Sigma (Sophomore—Men); Delta Phi Rho Alpha (Athletic—Women); 9019 (Scholarship—Men); Iota Gamma Pi (Scientific);

Ivy (Freshman Scholarship—Women); Red Friars (Leadership—Men); Sandals (Sophomore—Women); Tombs (Athletic—Men); White Duchy (Leadership—Women).

ENGINEERING ORGANIZATIONS AND FRATERNITIES

American Institute of Electrical Engineering; American Society of Civil Engineering; American Society of Mechanical Engineers; Delta Epsilon Sigma (Honorary Engineering Fraternity); Engineers' Club and Council; Engineering Town Boys' Club.

MUSICAL ORGANIZATIONS AND FRATERNITIES

Kappa Kappa Psi (National Band Fraternity); The Duke University Instrumental Music Association, comprised of members from Duke University Band, Duke University Orchestra, and chamber music groups; The Men's Glee Club; The Women's Glee Club; The University Chapel Choir; The Woman's College Orchestra; The Woman's Music Study Club.

SOCIAL FRATERNITIES (NATIONAL)

(The Men's Panhellenic Council)

Alpha Tau Omega; Beta Theta Pi; Chi Phi; Delta Sigma Phi; Delta Tau Delta; Kappa Alpha; Kappa Sigma; Lambda Chi Alpha; Phi Delta Theta; Phi Kappa Psi; Phi Kappa Sigma; Pi Kappa Alpha; Pi Kappa Phi; Sigma Alpha Epsilon; Sigma Chi; Sigma Nu; Sigma Phi Epsilon; Zeta Beta Tau.

SOCIAL SORORITIES (NATIONAL)

(The Women's Panhellenic Council)

Alpha Chi Omega; Alpha Delta Pi; Alpha Phi; Alpha Epsilon Phi; Delta Delta Delta; Delta Gamma; Kappa Alpha Theta; Kappa Delta; Kappa Kappa Gamma; Phi Mu; Pi Beta Phi; Sigma Kappa; Zeta Tau Alpha.

STUDENT PUBLICATIONS

(Publications Council)

Archive (Monthly); *Chanticleer* (Annual); *Chronicle* (Semiweekly); *Duke 'n' Duchess* (Monthly Humor).

STUDENT ACTIVITIES OFFICE

The Student Activities Office was established for the purpose of assisting and co-ordinating the financial activities of the various student organizations in Trinity College.

The office offers to student organizations a banking service through the Office of the University Treasurer.

There is no charge for this service.

The Student Activities Office, co-operating with the University Purchasing Department, also serves in the capacity of purchasing agent for its affiliated student organizations. Problems of a general nature having to do with extracurricular activities may be discussed with this office.

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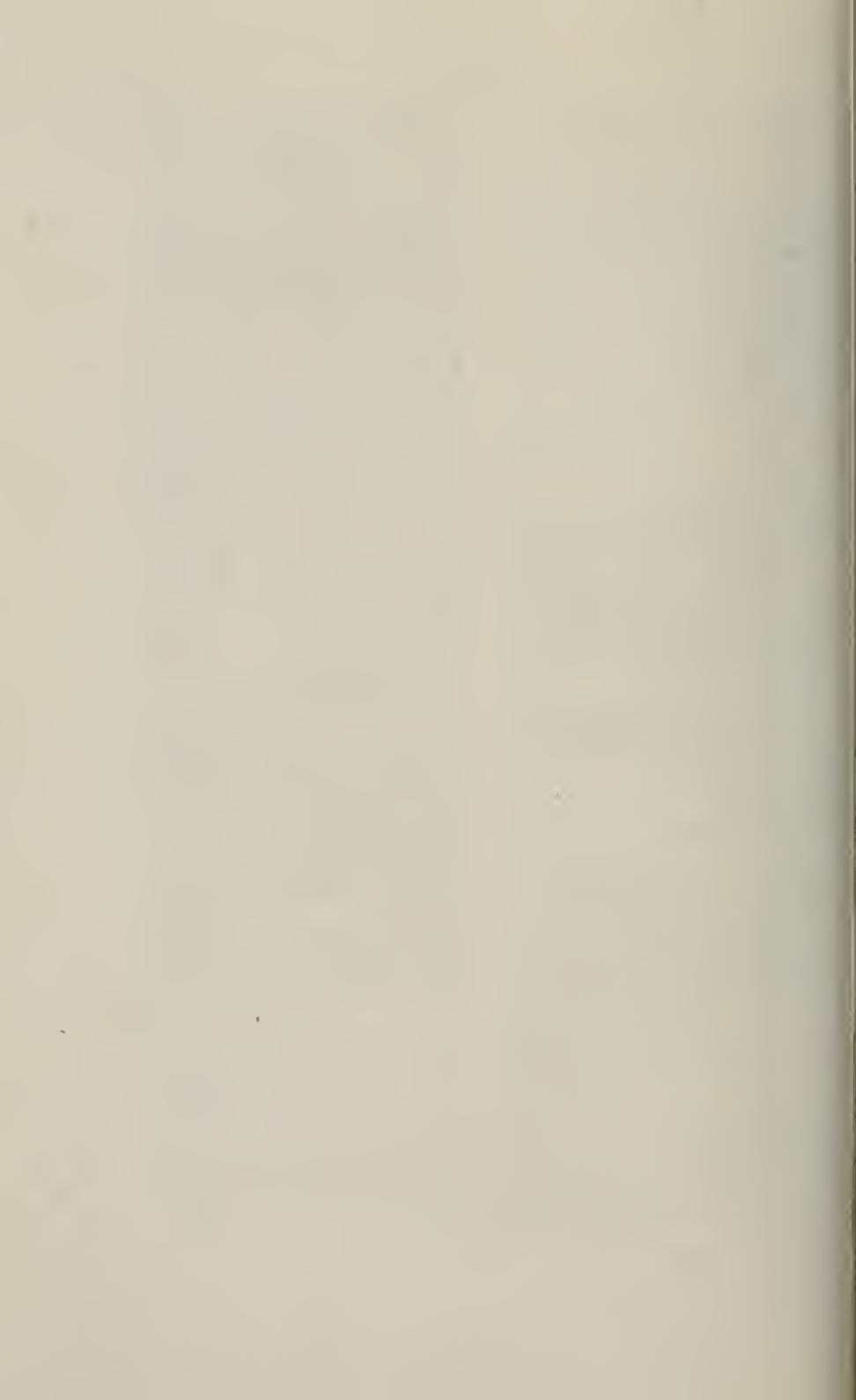
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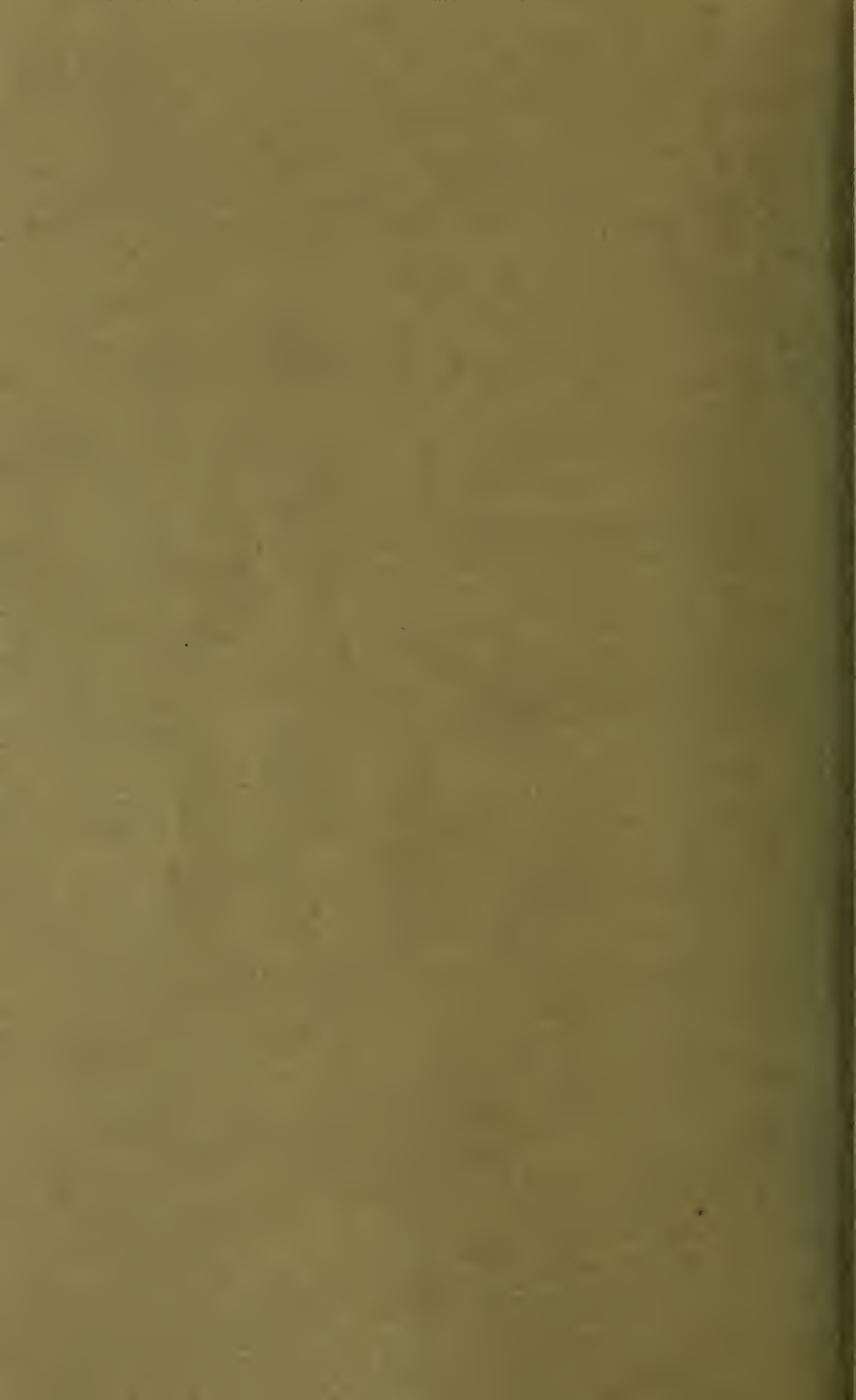
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April, 1942

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BULLETIN OF DUKE UNIVERSITY

The School of Law



ANNOUNCEMENT FOR 1942-1943
WARTIME PROGRAM

PUBLISHED BY THE UNIVERSITY
DURHAM, NORTH CAROLINA

ANNUAL BULLETINS

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For BULLETIN OF UNDERGRADUATE INSTRUCTION, apply to *The Secretary*, Duke University, Durham, N. C.

For BULLETIN OF THE GRADUATE SCHOOL OF ARTS AND SCIENCES, apply to *The Dean of the Graduate School*, Duke University, Durham, N. C.

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BULLETIN
OF
DUKE UNIVERSITY

THE SCHOOL OF LAW



ANNOUNCEMENT FOR 1942-1943
WARTIME PROGRAM

DURHAM, NORTH CAROLINA
1942

CALENDAR OF THE SCHOOL OF LAW

(From June 1, 1942, to September 11, 1943)

Summer Semester, 1942

Begins	June 1
Ends	September 12

Fall Semester, 1942

Begins	September 28
Ends	January 23

Spring Semester, 1943

Begins	January 25
Ends	May 15

Summer Semester, 1943

Begins	May 31
Ends	September 11

STUDENTS CALLED TO MILITARY SERVICE

In so far as possible, the Administration of Duke University and the Faculty of the School of Law will endeavor to see that no student suffers loss of academic standing or of fees paid to the University because of being called into the armed forces of the United States. Individual cases will be considered on their merits as they arise.

I. FACULTY

ROBERT LEE FLOWERS, A.M., LL.D., *President of the University*

H. CLAUDE HORACK, Ph.B., LL.B., LL.D., *Dean and Professor of Law*

Ph.B. 1899, LL.B. 1900, State University of Iowa; LL.B. 1904, Harvard University; LL.D. 1937, Tulane University; LL.D. 1939, Wake Forest College; Assistant Professor of Law, University of Wisconsin, 1904-07; Professor of Law, State University of Iowa, 1907-30; University of Michigan, summer 1922; University of Wisconsin, summer 1924; University of Southern California, summer 1931; Stanford University, summer 1936; Adviser, Council of Legal Education and Admissions to the Bar of the American Bar Association, 1927-30, member of Council, since 1940; Secretary, Association of American Law Schools, 1926-28, President, 1929; Professor of Law, Duke University, 1930-34; Dean and Professor of Law, since 1934.

BRYAN BOLICH, A.B., B.A. (Juris.), M.A., B.C.L., *Professor of Law*

A.B. 1917, Duke University; Duke University Law School, 1919-21; B.A. (Juris.) 1923, B.C.L. 1924, M.A. 1927, Oxford University; general practice, 1924-27; Professor of Law, Duke University, since 1927.

JOHN S. BRADWAY, A.B., A.M., LL.B., *Professor of Law and Director of the Legal Aid Clinic*

A.B. 1911, A.M. 1915, Haverford College; LL.B. 1914, University of Pennsylvania; general practice, 1914-29; Legal Aid Society of Philadelphia, 1914-20; chief counsel, Philadelphia Legal Aid Bureau, 1920-22; Secretary, National Association of Legal Aid Organizations, 1923-40, President, 1940-42; Visiting Professor of Law and Director of the Legal Aid Clinic, University of Southern California, summer 1928; Professor of Law and Director of the Legal Aid Clinic, University of Southern California, 1929-31; Professor of Law and Director of the Legal Aid Clinic, Duke University, since 1931.

THADDEUS DILLIARD BRYSON, LL.D., *Professor of Law*

Emory and Henry College, 1889-90; University of North Carolina, 1891-95; LL.D. 1938, Emory and Henry College; general practice, 1895-1918; Solicitor, 20th Judicial District, North Carolina, 1908-16; Judge, Superior Court, North Carolina, 1918-26; general practice, 1926-27; Professor of Law, Duke University, since 1927.

DAVID F. CAVERS, B.S., LL.B., *Professor of Law*

B.S. in Econ. 1923, University of Pennsylvania; LL.B. 1926, Harvard University; general practice, 1926-29; Instructor in Law, Harvard University, 1929-30; Assistant Professor of Law, West Virginia University, 1930-31; Visiting Professor of Law, Yale University, first semester, 1936-37, University of Chicago, 1940-41; Assistant Professor of Law, Duke University, 1931-32; Professor of Law, Duke University, since 1932.

ELVIN R. LATTY, B.S., J.D., J.Sc.D., *Professor of Law*

B.S. 1923, Bowdoin College; J.D. 1930, University of Michigan; J.Sc.D. 1936, Columbia University; Instructor in Romance Languages, University of Vermont, 1923-27; general practice, 1930-33; Special Fellow, Columbia University, 1933-34; Associate Professor of Law, University of Kansas, 1934-35; Professor of Law, University of Missouri, 1935-37; George Washington University, summer 1937; Stanford University, summer 1938; University of North Carolina, summer 1942; Professor of Law, Duke University, since 1937.

CHARLES L. B. LOWNDES, A.B., LL.B., S.J.D., *Professor of Law*

A.B. 1923, Georgetown University; LL.B. 1926, S.J.D. 1931, Harvard University; general practice, 1926-27; Assistant Professor of Law, Georgetown University, 1927-28; Professor of Law, Georgetown University, 1928-30; Research Fellow, Harvard Law School, 1930-31; Professor of Law, Georgetown University, 1931-34; Professor of Law, Duke University, since 1934.

MALCOLM McDERMOTT, A.B., LL.B., *Professor of Law*

A.B. 1910, Princeton University; LL.B. 1913, Harvard University; general practice, 1913-30; Dean, College of Law, University of Tennessee, 1920-30; University of Southern California, summer 1929; Professor of Law, Duke University, since 1930.

DOUGLAS BLOUNT MAGGS, A.B., J.D., S.J.D., *Professor of Law*

A.B. 1922, J.D. 1924, University of California; S.J.D. 1926, Harvard University; general practice, 1924-25; Assistant Professor of Law, University of California, 1926-27; Professor of Law, University of Southern California, 1927-30; Visiting Professor of Law, Columbia University, 1928-29; Yale University, second semester, 1935-36; University of California, summer 1927; Cornell University, summer 1928; University of Chicago, summer 1929; Stanford University, summer 1935; University of North Carolina, summer 1936; Special Assistant to the Attorney General of the United States, 1938-39; Professor of Law, Duke University, since 1930.

*J. DOUGLASS POTEAT, A.B., LL.B., J.S.D., *Professor of Law*

A.B. 1923, LL.B. 1926, Furman University; J.S.D. 1933, Yale University; general practice, 1926-30, 1933-36; Associate Professor of Law, Furman University, 1929-30; Professor of Law, Furman University, 1930-33; University of North Carolina, summer 1940; Professor of Law, Duke University, since 1936.

WILLIAM R. ROALFE, LL.B., *Law Librarian*

LL.B. 1922, University of Southern California; general practice, 1923-25; Law Librarian, University of Southern California, 1927-30; President, American Association of Law Libraries, 1935-36; Law Librarian, Duke University, since 1930.

PAUL H. SANDERS, A.B., LL.B., *Associate Professor of Law*

A.B. 1931, Austin College; LL.B. 1934, Duke University; general practice, 1934; Assistant to Director of National Bar Program, American Bar Association, 1934-36; Secretary, Criminal Law Section, American Bar Association, since 1940; Assistant Professor of Law, Duke University, 1936-40; Associate Professor of Law, since 1940.

**HAROLD SHEPHERD, A.B., J.D., *Professor of Law*

A.B. 1919, J.D. 1922, Stanford University; Dean and Professor of Law, University of Wyoming, 1922-23; Associate Professor of Law, Stanford University, 1923-26; Professor of Law, Stanford University, 1926-30; Visiting Professor of Law, University of Chicago, 1929-30; Professor of Law, University of Chicago, 1930-31; Columbia University, summer 1929; University of Minnesota, summer 1930; Stanford University, summer 1932; Dean and Professor of Law, University of Washington, 1931-36; Professor of Law, University of Cincinnati, 1936-39; Secretary, Association of American Law Schools, 1938-40, President, 1941; Professor of Law, Duke University, since 1939.

EDWIN CONSTANT BRYSON, LL.B., *Assistant in Legal Aid Clinic*

ALTON J. KNIGHT, A.B., LL.B., *Assistant in Legal Aid Clinic*

CHARLES HENDERSON MILLER, A.B., LL.B., *Assistant in Legal Aid Clinic*

ALLSTON STUBBS, A.B., LL.B., LL.M., *Assistant in Legal Aid Clinic*

JOSEPH LAUFER, LL.B., LL.M., *Teaching Fellow, Spring Semester, 1942*

RAPHAEL LEMKIN, Dr. jur., Magister juris., *Lecturer on Comparative Law*

MARY SIMMONS COVINGTON, A.B., LL.B., *Research Librarian, School of Law*

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* On leave of absence, National Defense.

** On leave of absence, on active duty with the Army of the United States.

II. SPECIAL WARTIME ARRANGEMENTS

Recognizing that great difficulties beset many of those who are seeking a legal education today, the Faculty of the Duke University School of Law has endeavored to minimize them through the efficient utilization of time. In making this endeavor, it has been constantly borne in mind that, both now and in the postwar world, those well trained in the law will find adequate opportunity for service.

The details of the School's Wartime Program are set forth under their appropriate headings elsewhere in this announcement; in essence, however, it calls for a three-semester calendar year, starting with the Summer Semester on June 1, 1942. Without sacrificing the quantity or quality of work previously required for graduation, this plan will permit the full coverage of the entire regular three-year course in two calendar years if it is so desired. Each semester's work will be complete in and of itself, and full programs for first-, second-, and third-year students will be offered each semester. Both beginning and advanced students may commence their work at the start of any of the semesters which are now scheduled to begin on June 1, 1942, September 28, 1942, January 25, 1943, and May 31, 1943. For the duration of the emergency, students with superior grades will be admitted who have completed as much as two years of college work.

Students who so desire may spread their work over three years by omitting one semester in any one calendar year.

The purpose of this program is to offer students an opportunity to become adjusted to law study and proceed therewith as far as possible before entering military service, so that, after the completion of such service, their entrance into postwar professional life will not be unduly delayed. For those who are not eligible for military service, it offers an opportunity to accelerate their professional training during a period when there is a special need for well-trained young lawyers, both men and women, in private offices and government service.

In modifying its requirements to permit entrance after the completion of two years of college work the Duke University School of Law continues to comply in full with the standards of the Association of American Law Schools and of the American Bar Association.

The exigencies of wartime may dictate modifications in the course offerings and other features of the program described in this bulletin. Accordingly, the School reserves the right to make such variations in the program herein described as circumstances may require.

III. THE SCHOOL: ITS PURPOSES AND METHODS

Built on the foundation of the School of Law of Trinity College, with its history of legal instruction running back to the middle of the past century, the Duke University School of Law was established in 1924. In 1930 the School was moved into its new building, the Faculty and Library were greatly increased, and the activities of the School broadened. The School of Law is a member of the Association of American Law Schools and is on the "Approved List" of the American Bar Association. Over the past five years, the School has had an average representation in its student body each year of more than thirty states and sixty institutions of higher learning.

The curriculum of the School of Law provides thorough preparation for the practice of law in any state. It affords in the third year opportunities for specialization in particular branches of the law.

In carrying out the trust imposed by the indenture establishing the Duke Endowment, the School of Law seeks to have the student acquire knowledge and comprehension not only of legal doctrine, but also of the judicial process and of the social, economic, and political problems with which law and lawyers must deal. The method of instruction employed compels analysis of judicial opinions and inquiry into the nonlegal as well as the legal considerations which underlie them. In appropriate courses, special consideration is given to the work of the legislative and administrative agencies of government. Scope for creative student work is provided by seminar courses and supervised individual study and research.

The student is not left to obtain practical training in his first years of practice. In the practice course and in the work of the Legal Aid Clinic, described elsewhere in this bulletin, the student secures experience in important phases of professional activity. A student Bar Association has afforded a means whereby the student may gain acquaintance with the professional organizations through which a lawyer may and should contribute to the well-being of his profession and of society.

The first-year program of study is set forth on page 12; the second- and third-year programs on pages 12 and 13; the separate courses are described on pages 19 through 24.

THE NEW PROGRAM

Because of changes in the program made necessary by the war, the program of instruction comprising courses of the *New Program* announced in the Bulletin Announcement for 1941-1942 will be suspended for the duration of the emergency.

IV. ADMISSION OF STUDENTS—REGISTRATION—FEES

DIRECTIONS TO APPLICANTS FOR ADMISSION

Applications should be made on the prescribed Law School application blanks which will be sent upon request, and no application is complete until all required documents are on file. Each application for regular or advanced standing must be accompanied by a complete transcript of record and evidence of graduation or right to honorable withdrawal from the institution from which credit is offered. To the application blank should be attached a recently made personal photograph. Letters from responsible persons, certifying to the character and ability of the applicant, are required.

It is desired that students may be selected who give promise of leadership in some of the various phases of professional activity. It is recognized that such selection is difficult. Graduation from Duke University School of Law, however, is intended to constitute evidence of capacity for superior work in some branch of the profession of law. Applicants for admission and their sponsors are requested to keep this fact in mind.

REQUIREMENTS FOR ADMISSION

Under the Wartime Program a person may be admitted as a candidate for the degree of Bachelor of Laws who has completed in a college of approved standing work equivalent in number of units to one half of the work acceptable for a Bachelor's degree granted on the basis of a four-year period of study and whose college work in its entirety shows an average grade equal to that required for graduation, the requirement in each case being determined by the regulations of the college where the work was taken. In the case of students presenting only two years of college credit a higher average of work may be required.

COMBINED COURSE

A number of colleges, upon application by their students, have permitted those who have completed three years of undergraduate work, to enter the Law School of Duke University and upon the satisfactory completion of the first year of law school work to receive their Bachelor of Arts degrees from such colleges. It is suggested that students desiring to enter Duke University School of Law make inquiry of their proper college authorities regarding this point.

A student from an undergraduate college of Duke University who has completed three years of study may apply to that college to enroll in a combined course wherein his first year of law study may be accepted toward the Bachelor of Arts degree, and, upon the completion of four

additional semesters of law study, he will receive the Bachelor of Laws degree.

ADMISSION TO ADVANCED STANDING

Any person, who has complied with the requirements for admission set forth in this announcement, prior to the commencement of his law study, who shall present evidence of the satisfactory completion of any part of the curriculum at any law school which is a member of the Association of American Law Schools, and who is eligible for readmission to the law school from which he proposes to transfer, may be admitted to advanced standing, subject to such rules as would be applicable to students in this School having a comparable scholastic record. Provisional credit for courses so completed shall be given, final credit for such work to be conditioned on the completion of at least one full year of law study in this School with an average of at least five points above the passing grade. Adjustment of credit for work done in such other law schools may be by vote of the Faculty.

CANDIDATES FOR GRADUATE DEGREES

Applications for admission to graduate study should be addressed to the Dean of the Law School and should include transcripts of records of legal and pre-legal work. For the requirements for the graduate degrees see pages 14 and 15.

MATRICULATION, REGISTRATION, AND ENROLLMENT

On the day of registration, e.g., June 1, 1942, or September 28, 1942, the applicant must obtain from the Dean of the Law School an admission card, indicating that he is entitled to register. Registration is conducted in the Law Building. All students, both old and new, are required to register at the beginning of each semester, at which time class schedule and course cards must be filled out and approved. Students matriculating in any semester at a date later than that prescribed in this bulletin shall pay to the Treasurer a penalty of \$5.00 for late registration unless excused therefrom. Instruction will begin in all classes on June 2, 1942, for the Summer Semester and September 29, 1942, for the Fall Semester.

All students are admitted subject to the rules of the University and of the School of Law, and continuance in the School is conditioned upon the observance of such rules.

(Many states now require that the student, prior to or shortly after beginning the study of law, must register with the board of bar examiners of the state in which he expects to practice. Each student should write to the secretary of the board of bar examiners of such state in order to be sure that all requirements are fulfilled.)

CONDUCT OF STUDENTS

The University expects of its students loyal and hearty co-operation in developing and maintaining high standards of conduct as well as of scholarship. The University, therefore, reserves the right, and matriculation by the student is a concession of this right, to compel the withdrawal of any student whose conduct at any time is not satisfactory to the University, even though no specific charge be made against the student.

FEES AND EXPENSES

Tuition and registration fees are due at the beginning of each semester. The matriculation fee is \$25.00 a semester. The tuition fee is \$100.00 a semester. A damage fee of \$1.00 is collected at the beginning of the first semester only, an athletic fee of \$5.00 at the beginning of each Fall and Spring Semester, a library fee of \$5.00 each semester, and a medical fee of \$5.00 each semester. The graduation fee, payable by all students to whom a degree is awarded, is \$10.00.

Payment of the athletic fee entitles the student to admittance to all athletic events on the campus.

The payment of the medical fee entitles the student to full medical and surgical care, with the exceptions noted below. This service is under the direction of the University Physician with the co-operation of the Staff of Duke Hospital. It includes hospitalization, medical and surgical care, drugs, dressings, X-ray studies, and ward nursing. A charge for board is made at the same rate as in the University dining halls, and student meal tickets for these halls are accepted in payment of this board. Refraction of eyes, treatment of teeth and of all chronic conditions, such as the removal of diseased tonsils, are not included in this service. The cost of any necessary braces and orthopedic appliances as well as of special nursing must be borne by the student.

THE GRADUATE DORMITORY AND THE "LAW CABINS"

Furnished double rooms may be secured in the graduate dormitory on the West Campus at \$62.50 per person per semester. A few single rooms are available at \$75.00 per semester. There are a very limited number of double rooms on the East Campus (about a mile and a half from the Law Building) at \$30.00 to \$50.00 per person per semester.

A group of log cabins, a part of the dormitory system, especially designed as a study center for law students, is located in the Duke Forest about five minutes' walk from the Law Building. These cabins, five in number, including a large cabin for use as a social hall, house thirty-two students, about one third of the space being allotted to each of the three law classes. Furnished double rooms in the log cabins may be secured at \$40.00 per person per semester.

These charges in each case include heat, light, water, and janitorial service but do not include pillows or bed clothing of any kind.

Rooms are reserved only for applicants who have been officially accepted by the University, upon application to the Director in the Business Division, Duke Station, Durham, North Carolina. (In requesting rooms in the log cabins, applications should be addressed to the Dean of the Law School.) A reservation fee of \$25.00 must accompany the application for a room. The reservation fee is deducted from the room charges at the time of registration. An applicant who is accepted and has a room reserved for the Fall Semester is not entitled to a refund of the reservation fee unless the request is made on or before August 1.

Each student is expected to supply necessary sheets, blankets, pillows, rugs, and curtains. Furniture, beds and mattresses (39" x 74"), tables, chairs, dressers, mirrors, and window shades are furnished by the University.

Law students are advised to make early application, since assignment of rooms is made considerably in advance of the beginning of each semester. The applicant should state that he has been accepted for admission to the School of Law. All dormitory rooms are to be occupied under the rules and regulations established by the University. Law students are not required to live in the University dormitories.

Board may be secured at approximately \$25.00 per month at the University Union.

The cost of law books will average, through the three years, between \$20.00 and \$30.00 per semester.

Further information will be sent upon request. Please address

THE DEAN OF THE SCHOOL OF LAW
DUKE UNIVERSITY
Durham, North Carolina

V. REQUIREMENTS FOR BACHELOR OF LAWS DEGREE—STUDENT PROGRAMS

BACHELOR OF LAWS DEGREE

Upon favorable recommendation of the Faculty, the degree of Bachelor of Laws will be conferred on students who shall have successfully completed six semesters' study of law, the last two semesters of work immediately preceding the granting of such degree having been completed, except under extraordinary circumstances, in this School.

A student shall be deemed to have completed successfully six semesters' study of law if during this period he has

(1) secured a passing grade in courses aggregating the number of semester hours in the first-year program, in required courses in other years, and in courses constituting its faculty-approved student minimum programs for the second and third years;

(2) secured in every required course a grade not requiring repetition thereof; and

(3) secured an average grade at least five points above passing in all work taken other than first-year courses, or, if the grade in such work is lower than that above specified, an average grade of five points above passing in all work taken.

Students who shall have spent only their last two semesters of study in residence in this School must have received an average grade at least five points above passing for that year.

FEATURES OF THE WARTIME CURRICULUM

To facilitate the start of law study in any semester and also to minimize loss of work caused by withdrawal for military service during a school year, all courses are one-semester courses. Courses previously continuing for two semesters are now completed in one semester, but the total number of hours devoted to each course has not been diminished.

The first-year program will be repeated every two semesters, and a student entering in any semester may complete his first year's work by the end of the succeeding semester. Thus, some students will begin the work of their first year in the Summer Semester, 1942, and complete their first year's work in the Fall Semester, 1942. Others will begin in the Fall Semester, 1942, and complete their first year's work in the Spring Semester, 1943. After the coming Summer Semester, some students in each first-year course will have had one semester of law study while others will be beginners. To aid the latter in adjusting rapidly to the new work, a special introductory course of instruction in law study has been provided.

The courses for the second and third years of law study have been arranged in a sequence of four semesters. Each such course will be offered at least once during the four-semester period, but most of them will be offered only once. Irrespective of the semester in which he begins his second-year work, the student who continues through four successive semesters will have an opportunity to select from the School's entire offering of courses.

Courses available to first-year, and to second- and third-year students, respectively, are listed below. Course descriptions appear in the concluding section of this bulletin.

THE FIRST-YEAR PROGRAM

All of the first-year courses are required for graduation, although a student transferring to this school may, with the approval of the Dean, substitute therefor the first year of work taken in the school from which he has transferred. Repetition of a first-year course which a student has failed is required only if the instructor so indicates upon reporting the student's grades. A student not receiving a passing grade, or receiving a grade less than 5 points above the passing grade, in any course in his first semester of law study may, in the discretion of the Faculty, be granted a re-examination in such course with the opportunity of raising his grade to, but not to exceed, 5 points above the passing grade.

The following courses comprise the work of the first year:

<i>Semester</i>		<i>Semester</i>	
Summer, 1942; Spring, 1943		Fall, 1942; Summer, 1943	
Fall, 1943; Summer, 1944		Spring, 1944; Fall, 1944	
<i>Subject</i>	<i>Hours</i>	<i>Subject</i>	<i>Hours</i>
Criminal Law	3	Agency	2
Introduction to Procedure	3	Contracts	6
Personal Property	2	Family Law	2
Torts	5	Possessory Estates	2
Legal Bibliography	1	Legal Bibliography ²	1
Introduction to Law Study ¹	1	Introduction to Law Study	1
	15		14

¹ Not to be offered in the Summer Semester, 1942.

² To be taken only in a student's first semester of law study.

THE SECOND- AND THIRD-YEAR PROGRAM

Courses in the second and third years are elective, with the exception of Legal Ethics and Legal Aid Clinic I and II. Two semesters' work in the Clinic is required of all students. This work should be commenced in the first semester of the third year or the second semester of the second year, depending upon the semester in which Legal Aid Clinic I falls.

The satisfactory completion of forty-eight semester hours in addition to the first-year program is required for graduation. Second- and third-year students usually carry from thirteen to fifteen hours of courses each semester.

Up to two hours' credit per semester may be obtained by students arranging either to engage in the individual study of a branch of law or to conduct research on a legal problem. Arrangements for this work should be developed with the instructor under whose supervision the work is to be carried out.

The course in Pleading is prerequisite to the course in Practice. Except with the permission of the instructor, students may not enroll in courses numbered II before completing courses of the same name numbered I. Permission of the instructor is also required for enrollment in Federal Taxation Seminar by students who have not completed Taxation.

The following courses are offered for second- and third-year students:

<i>Semester</i>		<i>Semester</i>	
Summer, 1942; Fall, 1943		Fall, 1942; Spring, 1944	
<i>Subject</i>	<i>Hours</i>	<i>Subject</i>	<i>Hours</i>
Business Associations I	4	Conflict of Laws	3
Conveyancing	3	Constitutional Law	5
Evidence	4	Equity II	3
Legal Ethics	1	Seminar in Federal Tax Problems	2
Pleading ¹	3	Future Interests	3
Practice ²	4	Municipal Corporations	2
Taxation	4	Practice ⁴	4
Wills and Administration	3	Trusts	3
Legal Aid Clinic I ³	3	Legal Aid Clinic II	2
Individual Study and Research	2	Individual Study and Research	2
<i>Semester</i>		<i>Semester</i>	
Spring, 1943; Summer, 1944		Summer, 1943; Fall, 1944	
<i>Subject</i>	<i>Hours</i>	<i>Subject</i>	<i>Hours</i>
Business Associations II	3	Administrative Law	2
Credit Transactions	4	Debtors' Estates	3
Equity I	3	Equity II	3
Federal Jurisdiction	2	Family Law Seminar	2
Negotiable Instruments	3	Labor Law	2
Pleading	3	Legislation	2
Regulation of Business	3	North Carolina Statutes	2
Legal Aid Clinic I	3	Practice	4
Individual Study and Research ...	2	Sales	2
		Legal Aid Clinic II	2
		Individual Study and Research	2

¹ Not to be offered in the Summer Semester, 1942.

² Not to be offered in the Fall Semester, 1943.

³ Four hours will be offered third-year students wishing to complete their law study in the Summer Semester, 1942.

⁴ Not to be offered in the Fall Semester, 1942.

VI. GRADUATE WORK IN LAW

REQUIREMENTS FOR ADMISSION TO GRADUATE STUDY

Any person who shall have received the first degree in law from a law school qualified for membership in the Association of American Law Schools and whose college course and law course combined shall have occupied at least six years, may be admitted as a candidate for the degree of Master of Laws. In exceptional cases an applicant who does not meet all the above requirements may, on vote of the Faculty, be admitted to candidacy for this degree where he is able to demonstrate that he is specially qualified, as by reason of practice or teaching.

Any person holding the degree of Master of Laws from this or any other law school which is qualified for membership in the Association of American Law Schools may, on vote of the Faculty, be admitted to candidacy for the degree of Doctor of Juridical Science, provided he completed the work for the Master's degree with distinction.

The Faculty may, however, require of an applicant complying with this standard the publication of legal writings deemed satisfactory by the Committee on Graduate Study as a condition to admission to candidacy for this degree.

THE DEGREE OF MASTER OF LAWS

Upon favorable recommendation of the Faculty, the degree of Master of Laws will be conferred on students who have successfully completed during a period of residence at this School totaling at least one year a course of study approved by the Committee on Graduate Study.

The courses of study leading to this degree are designed to provide for the needs of two classes of students: (1) graduates of approved law schools who desire a fourth year of study for the purpose of undertaking an intensive study of some specialty, or who desire to broaden their legal education through the study of such subjects as jurisprudence and legal history; (2) graduates of approved law schools who desire to teach law or engage in legal research and who intend to become candidates for the degree of Doctor of Juridical Science.

One year of resident study is required for the degree of Master of Laws. No thesis is required. The course of study is prescribed by the Committee on Graduate Study after consultation with the individual student. Opportunity will be afforded the student to include in his program such second- and third-year law courses, not already completed, as are desirable for the rounding out or supplementing of his previous training. In some cases, courses in other departments of the University may be included. In the case of students whose interests lie in further preparation for practice, the course will normally include registration in subjects

totaling twelve hours each semester. In the case of students interested primarily in legal research, a lighter schedule, so far as enrollment in formal courses is concerned, may be arranged. In cases where less than twelve hours' work is prescribed for either semester, the Committee on Graduate Study may require that the student complete the work undertaken with a grade considerably higher than that required of candidates for the first degree in law.

THE DEGREE OF DOCTOR OF JURIDICAL SCIENCE

Upon favorable recommendation of the Faculty, the degree of Doctor of Juridical Science will be conferred on students admitted to candidacy for that degree who complete and submit a monograph or series of essays suitable for publication and deemed by the Faculty to be of distinguished character. At least one academic year and, in the absence of an extension granted by the Faculty upon petition thereto, not more than three years, must elapse between the awarding of the Master's degree and the awarding of the degree of Doctor of Juridical Science. Students who have received the degree of Master of Laws from another law school must spend at least one year engaged in research at this School and may in addition be required to complete a course of study prescribed by the Committee on Graduate Study.

VII. SPECIAL FACILITIES AND ACTIVITIES

THE LAW SCHOOL BUILDING

The Law Building, like all other structures on the main campus of Duke University, is in Tudor Gothic style of colorful Cambrian stone from the Duke University quarries. It was occupied by the School of Law for the first time in September, 1930. In it are classrooms, seminar rooms, offices for Faculty and Staff, quarters for the Legal Aid Clinic and for the Duke Bar Association, a courtroom equipped for trial court and appellate court sessions, and the Law Library. For a description of dormitory accommodations, see page 9, above.

THE LAW LIBRARY

The Law Library, containing a collection of more than seventy thousand volumes, is the largest law school collection in the South. It consists of American and English statutory and case law; a collection of Continental law materials; treatises, digests, encyclopedias; the various selected case series; a comprehensive collection of legal periodicals; and publications in the fields of history, economics, government, and the other social sciences, supplemental to the strictly legal materials. The Library

receives every current legal periodical of general interest printed in the English language.

There are several thousand additional volumes, of a legal nature in the main library building, immediately adjoining the Law School, as well as the general collection of nearly a half million volumes, to all of which the law students and Faculty have convenient access.

The Law Library is administered by a professionally trained staff and is open to the public daily throughout the year and in the evenings as well whenever the Law School is in session.

THE LEGAL AID CLINIC

A Legal Aid Clinic was organized at the School of Law in 1931 under the direction of Professor John S. Bradway, who had directed similar undertakings in Philadelphia and Los Angeles. The purpose of the Clinic is threefold: to give the student experience in handling actual cases; to develop creative skills, techniques, and mental habits; to encourage a sense of responsibility to client, court, profession, and community. The student is obliged to synthesize his knowledge in applying it to concrete situations which may often cut across course boundaries. He is introduced to the technique of fact gathering, the strategy of a lawsuit, the handling of clients, the management of a law office. A series of exercises are conducted in legal research and briefing leading in the first semester to the writing by each student of a trial brief and in the second semester an appellate brief for a lawyer in active practice. Classroom work involves laboratory exercises in preparation for the handling of actual cases. The law practice in the Clinic is of a sort calculated to stress the ethical responsibilities of the lawyer and the social implications of his work. Instruction in the handling of the actual cases is individualized. Training in the art of interprofessional co-operation is provided through contacts between the Clinic and various agencies of social welfare in North Carolina.

The Legal Aid Clinic is in effect an active law office offering the student, under supervision, experience in interviewing clients, investigation of facts, preparing cases for adjustment or for trial in court, writing legal documents, briefing, and other tasks familiar to the practicing attorney. Approximately four hundred persons a year apply for the services of the Clinic. Only those applicants who are unable to pay counsel fees, and only those cases where there is no opportunity for a contingent fee are accepted.

The activities of the Clinic are centered in a suite of offices in the Law School Building, and in an interviewing office in the business center of Durham. In addition to the Director, a staff of four members of the North Carolina State Bar assist in the educational and supervisory activities of the Clinic and in representing its clients in court proceedings. The course is required of members of the third-year class. The work in the Clinic in no way conflicts with that in the practice course.

THE PRACTICE COURSE

The practice course in the School of Law is under the direction of Judge T. D. Bryson, who for eight years was judge of the Superior Court of the Twentieth Judicial District of North Carolina. The object of the course is to offer third-year students an opportunity to visualize by actual experience the application of the principles of law imparted in other courses.

The course features trial court practice in both civil and criminal actions, appellate practice, the drawing of contracts and wills, making abstracts of title, and drafting of other legal papers incident to the work of the active legal practitioner. In order that the work may correspond to the work of a trial court, a courtroom with the usual appointments has been provided.

LAW AND CONTEMPORARY PROBLEMS

The School of Law publishes a quarterly, *Law and Contemporary Problems*, under the editorship of Professor Cavers and Associate Professor Sanders. This periodical, now in its ninth volume, presents in each issue a symposium on a problem of current legal importance, in which the interrelated social and economic, as well as legal, factors are discussed by writers of competence in these respective fields. Where student research may contribute to the understanding of the legal aspects of such problems, student writings are accepted for publication. Included among the topics discussed in the first eight volumes of *Law and Contemporary Problems* are food and drug control, low-cost housing, instalment selling, migratory divorce, alimony, expert testimony, social security legislation, the compensation of the motor accident victim, the Securities Act of 1933, price discrimination and price cutting, collective bargaining under the Wagner Act, the wage and hour law, the Sherman Antitrust Act, federal income and estate taxation, railroad reorganization, alcoholic beverage control, combating the loan shark, governmental marketing barriers, consumption taxes, and emergency price control.

The circulation of *Law and Contemporary Problems* extends not only to members of the legal profession and law libraries throughout the country, but also to industrial and financial concerns, governmental agencies, and public and general university libraries. Individual issues are not infrequently used as materials for study in university courses.

THE DUKE BAR ASSOCIATION

The Duke Bar Association was established in the spring of 1931. It is composed of all the students of the Law School and is organized along the lines of the American Bar Association. Its purpose is to introduce the student to the problems considered by the bar in professional organizations and to develop professional consciousness and responsibility. The activities of the Association, which until the emergency included publication of the *Duke Bar Association Journal*, may be limited during the

war period. Dean Horack of the Law Faculty serves as general adviser to the student officers.

SCHOLARSHIPS AND LOAN FUNDS

Scholarships are granted each year to the three students with the best scholastic records in the first- and second-year classes.

The University administers certain endowed loan funds for the benefit of students who are not financially able to meet their expenses, for the purpose of aiding worthy students who have established a satisfactory record at the School to continue their education.

Two funds have been provided out of which small loans may be made to tide students over temporary financial emergencies arising during the course of the year. One of these was supplied by the Law School Guild and is limited as to amount and duration of loan. The other is due to the generosity of Mr. P. Frank Hanes of the Winston-Salem bar and is limited to the needs of selected students. These funds are administered by a committee of the Faculty.

WILLIS SMITH PRIZE

Mr. Willis Smith, a member of the Raleigh bar and Chairman of the Law School Committee of the Board of Trustees of Duke University, awards each year to that member of the graduating class of the Law School who has maintained the highest scholastic average during the entire three years of law school work, a prize consisting of a set of books selected personally by Mr. Smith each year for that purpose.

ORDER OF THE COIF

A chapter of the Order of the Coif, national legal scholarship society, has been established at Duke University School of Law. Its purpose is "to foster a spirit of careful study and to mark in a fitting manner those who have attained a high grade of scholarship." Election is restricted to the 10 per cent of the graduating class who have attained the highest rank in their law school work.

RECREATIONAL FACILITIES

The University is located about two miles from the business district of Durham on wooded hills constituting part of the five-thousand-acre Duke Forest, which is maintained by the School of Forestry. Within a short distance from the campus are facilities for golf, horseback riding, and woodland hiking. These activities are available the year round in the mild climate of the Piedmont section of North Carolina. Students of the Law School are entitled to the use of the University gymnasium, tennis courts, swimming pool, and similar privileges without cost. Motion pictures are shown in the Page Auditorium twice a week, and concert programs, recitals, lectures, and plays are presented frequently.

VIII. COURSES OFFERED

1. GENERAL COURSES

Torts. Liability in damages for injuries to person and property inflicted intentionally, negligently, or innocently; justification and excuse; contributory negligence; proximate cause. Liability for false representations, defamation, inducing breach of contract, interference with business relations, unfair competition, strikes, etc. The measure of damages in tort cases. Five hours a week, Summer Semester, 1942; Spring Semester, 1943. PROFESSOR MAGGS

Introduction to Law Study. Every semester this course will be offered to students commencing the study of law in that semester. By lecture, class discussion, and exercises, guidance will be given in the study of cases. Individual student study problems will be handled in conference. Every second semester an introductory study of the judicial process, basic legal conceptions, and interrelationships between legal and social problems will be offered to all first-year students. One hour a week, each semester, both parts beginning with the Fall Semester, 1942. PROFESSOR CAVERS

Equity I. The origin and jurisdiction of equity; equitable relief as based on the inadequacy or lack of a legal remedy; the relation of Equity and the common law; enforcement of equitable decrees; application of the discretionary maxims; injunction against tort and crime. Three hours a week, Spring Semester, 1943. PROFESSOR HORACK

Equity II. Specific performance as a remedy for breach of contract, with special attention to contracts for the sale of land and incidents of the vendor-purchaser relation. Mistake in integration: Reformation for Mistake. Three hours a week, Fall Semester, 1942. PROFESSOR HORACK

Trusts. The nature, creation, and elements of a trust; charitable trusts; resulting and constructive trusts; administration of trusts; liabilities to third persons; transfer of the *cestui's* interest; persons bound by a trust; termination of a trust. Three hours a week, Fall Semester, 1942. PROFESSOR LOWNDES

Conflict of Laws. A study of the territorial jurisdiction of courts, the enforcement of foreign judgments, and the problems arising when the operative facts of a case are connected with jurisdictions having different rules of law. A part of the course will be directed to the study of assigned problems, utilizing related cases in the casebook for the purpose. Three hours a week, Fall Semester, 1942. PROFESSOR CAVERS

Family Law. A seminar approach to the cases, statutes, and sociological theories covering the contract to marry, its formation and breach; marriage; annulment; divorce; separation; property rights; and international jurisdiction. Selected materials. Two hours a week, Fall Semester, 1942; Summer Semester, 1943. PROFESSOR BRADWAY

Family Law Seminar. A seminar approach to the efforts of the social sciences, including the law, to deal with the intricate and perplexing problems of the modern family. Readings are assigned in legal and sociological material. Class discussions are based upon some central topic, such as divorce, domestic relations courts, etc. Written reports required in lieu of an examination. Family Law is prerequisite. Two hours a week, Summer Semester, 1943. PROFESSOR BRADWAY

North Carolina Statutes. A study of selected statutes of North Carolina with discussion of their application, and an analysis of the decisions of the Supreme Court of North Carolina construing them. Two hours a week, Summer Semester, 1943.
 PROFESSOR BRYSON

2. BUSINESS COURSES

Contracts. Sealed contracts; problems in the formation of simple contracts (making of promises and judicial standards of interpretation, offer and acceptance); the consideration doctrine; third party beneficiaries; assignments; Statute of Frauds, including legal effects of failure to comply; joint and joint and several contracts; the performance and breach of contract (conditions, order of performance, anticipatory breach); illegal bargains (types, nature and effect of illegality), discharge of contracts. Rules and principles of damages in contract actions. Six hours a week, Fall Semester, 1942; Summer Semester, 1943.
 PROFESSOR McDERMOTT

Agency. Creation, duration, and termination of the employment relation, including personal injury risks in the employment relation and workman's compensation; risks in business operations conducted through or for other persons, including *respondet superior*, authority of various types of agents, managers, partners; an introduction to forms of business enterprise as bearing upon the risks (and limitations thereon) of conducting business in association with other persons. Two hours a week.

Fall Semester, 1942. PROFESSOR LOWNDES
 Summer Semester, 1943. PROFESSOR LATTY

Sales. Emphasis is on obligations, performance and remedies of buyer and seller, and not on proprietary aspects of sales transactions. A study of the price term, manner, place, time and quantity of delivery, acceptance, inspection, installment contracts, obligations as to quality, remedies and price recovery, damages, recoupment, rejection, resale and rescission. Two hours a week, Summer Semester, 1943.
 PROFESSOR LATTY

Negotiable Instruments and Banking. Negotiability; execution of negotiable instruments; formal requisites of negotiable instruments; liability of parties; negotiation; holders in due course; and discharge. Legal relations between customer and banker; duties of depositor and bank toward each other; collections, and banker's lien and set-off. Three hours a week, Spring Semester, 1943.
 PROFESSOR LOWNDES

Business Associations I. Emphasis is more on corporations than on partnerships, joint-stock companies, or business trusts. In approximately the following order are studied: formation of these business associations, problems of their "entity," position of the management, ultra vires, stockholders' rights and powers, stock structure and classification of shares, function of corporate capital and its bearing on dividends and stock purchases, liability on subscriptions, watered stock, stock transfer, stockholders' suits. Brief survey is given of capital reductions, capital readjustments, fundamental corporate changes and marketing of securities, all of which are studied more in detail in the Finance and Accounting course. Four hours a week, Summer Semester, 1942.

PROFESSOR LATTY

Business Associations II—Finance and Accounting. A study of capital readjustments (but not reorganization of insolvents); capital, surplus and capital reductions; relation of accounting to ascertainment of funds available for distribution and other purposes, with introduction to book entries and emphasis on asset valuation; no-par stock; blank stock; preferred stock provisions with emphasis on the draftsman's problems and point of view; hybrid and convertible securities; corporate bonds and indentures; marketing and administrative control of corporate financing, including the provisions of relevant state or federal legislation. Three hours a week, Spring Semester, 1943.

PROFESSOR LATTY

Credit Transactions. Consideration of suretyship and guaranty, letters of credit, trust receipts, contracts of accommodation parties on bills and notes, real property and chattel mortgages, pledges, conditional sales. Four hours a week, Spring Semester, 1943. PROFESSOR BOLICH

Debtors' Estates. A comparative study of the various legal devices available for the administration of debtors' estates—compositions, assignments for the benefit of creditors, receiverships and bankruptcy including proceedings for debtors' rehabilitation and corporate reorganization under the Bankruptcy Act. Three hours a week, Summer Semester, 1943. PROFESSOR LATTY

Regulation of Business. See Public Law Courses, below, for description. Three hours a week, Spring Semester, 1943. PROFESSOR CAVERS

3. PROPERTY COURSES

Personal Property. Property in chattels, application of the concepts of possession and title in the law of personal property; bailment; artisan's lien; transfer of chattels by gift; sale and miscellaneous *inter vivos* transactions; emblems and fixtures. Special attention is given to judicial process and technique. Problems of chattel mortgages, pledges, and of sales financing are not considered in this course, except incidentally, but are reserved for the course in Credit Transactions. Two hours a week, Summer Semester, 1942; Spring Semester, 1943. PROFESSOR LATTY

Possessory Estates. Historical introduction to real property with a detailed consideration of the modern law of possessory estates in land, including the fee simple, the fee tail, the life estate, the estate for years, concurrent estates, and the incidents of possessory ownership relative to water, lateral and subjacent support, and air. Two hours a week.

Fall Semester, 1942. PROFESSOR BOLICH
Summer Semester, 1943. PROFESSOR CAVERS

Conveyancing. Form and execution of deeds; description in deeds; incorporeal interests in land; adverse possession and prescription; covenants and agreements running with the land at law and in equity; estoppel by deed; recording and title registration. Three hours a week, Summer Semester, 1942. PROFESSOR BOLICH

Future Interests. Future interests in real and personal property; reversions; vested and contingent remainders; executory interests; rights of entry; possibilities of reverter; gifts to classes; powers; perpetuities; construction of wills and deeds as affecting the validity and characteristics of the interests created thereby. Three hours a week, Fall Semester, 1942.

PROFESSOR BOLICH

Wills and Administration of Estates. The rationale of succession; mental capacity to make a will; undue influence and fraud; execution of wills; testamentary character and intent; integration of wills; revocation of wills; condition and mistake; revalidation of wills; function and necessity of probate and administration; grant of probate and administration; management, distribution, and settlement of the estate. Three hours a week, Summer Semester, 1942. PROFESSOR McDERMOTT

Trusts. See General Courses, page 19, for description. Three hours a week, Fall Semester, 1942. PROFESSOR LOWNDES

4. PUBLIC LAW COURSES

Criminal Law and Its Administration. Survey of criminal procedure and of the lawyer's function in the administration of criminal justice; theories of crime and of punishment in the criminal law; consideration of the criminal act and of the mental element in crime; specific offenses at common law and as developed by statutes; appropriate defenses in relation to the specific crimes. Three hours a week, Summer Semester, 1942; Spring Semester, 1943.

PROFESSOR BRYSON

Constitutional Law. Judicial protection against arbitrary governmental action; the history of the notion of a "higher law"; the concepts applied and the constitutional clauses relied upon; the development and application of particular doctrines protecting from arbitrary governmental action individuals with respect to their persons and individuals and corporations with respect to their property and business activities. The division of fields of control between the federal and the state governments. Five hours a week, Fall Semester, 1942.

PROFESSOR MAGGS

Administrative Law. Quasi-legislative and quasi-judicial functions of administrative tribunals, boards and officers. Constitutional limitations, growing out of the doctrine of the separation of powers and the doctrine of the non-delegability of legislative power, upon the creation and allocation of administrative functions. Practice and procedure before administrative tribunals, boards and officers; constitutional limitations upon administrative procedure. Judicial control and review of administrative orders and decisions. Constitutional Law is prerequisite. Two hours a week, Summer Semester, 1943.

PROFESSOR MAGGS

Labor Law. The National Labor Relations Act and related legislation. Federal and state anti-injunction statutes and their background. The law relating to strikes and the conduct of strikers, the labor agreement and the responsibility of unions. Labor problems in wartime. Two hours a week, Summer Semester, 1943.

PROFESSOR CAVERS

Legislation. The interpretation of statutes; the subject matter and purpose of the statute; the context; associated words; parts of the statute in relation to the whole; extrinsic aids; statutes in relation to other statutes; statutes in relation to the common law; the applying of statutes; the operation and effect of statutes. Two hours a week, Summer Semester, 1943.

PROFESSOR McDERMOTT

Regulation of Business. A study of federal and state legislation designed to maintain competitive markets and to regulate competitive practices, followed by a study of certain systems of direct price control imposed by law in certain industries. Consideration will also be given to wartime economic controls and their possible postwar implications. Three hours a week, Spring Semester, 1943.

PROFESSOR CAVERS

Municipal Corporations. The nature of municipal corporations; their external constitution; their internal constitution; their powers; their liabilities; remedies for and against municipal corporations. Two hours a week, Fall Semester, 1942.

PROFESSOR McDERMOTT

Taxation. The principal taxes are considered. Special stress is laid upon the federal tax system and the major federal taxes are analyzed in some detail. The course includes the constitutional law of taxation, both in its broader aspects and in its narrower incidence upon the particular types of taxes. Four hours a week, Summer Semester, 1942.

PROFESSOR LOWNDES

Seminar in Federal Tax Problems. This course is designed for students desiring advanced work in federal taxation. In addition to a study of the administrative and procedural aspects of the federal tax system, emphasis is laid upon the interrelation of the various federal taxes, tax control, and analysis of some of the more complex provisions of the federal tax statutes. The method of instruction is by group discussions and personal conferences with the instructor. Two hours a week, Fall Semester, 1942.

PROFESSOR LOWNDES

5. PROCEDURE AND PRACTICE COURSES

Introduction to Procedure. An introductory study of the most commonly used procedural devices by which disputes are brought before the courts for adjustment, and the techniques employed in the judicial process for effecting these adjustments, including the control of the trial court by appellate tribunals. The course will also include a study of modern reforms of pleading in so far as they are pertinent. Three hours a week, Summer Semester, 1942; Spring Semester, 1943.

PROFESSOR BOLICH

Pleading. Remedial law as applied in code jurisdictions. The form, theory, and classification of civil actions and special proceedings, together with a complete analysis of the several pleadings available in such actions and special proceedings. Three hours a week, Spring Semester, 1943; Summer Semester, 1943.

PROFESSOR BRYSON

Practice. The practical work of lawyers; drafting instruments; preparation of pleadings and trial briefs; the various trial methods and steps taken in the trial of the case; removal of cases from state to federal courts; noting and perfecting appeals; the appeal briefs; procedure in the Supreme Court. Four hours a week, Summer Semester, 1942; Summer Semester, 1943.

PROFESSOR BRYSON

Evidence. Admissions in pleadings, and stipulations; burden of proof, and presumptions; judicial notice; parole evidence rule; determination of admissibility of evidence; documentary evidence; witnesses; opinion testimony; the hearsay rule; circumstantial evidence; real evidence; evidence illegally obtained; contracts altering or waiving rules of evidence. Four hours a week, Summer Semester, 1942.

PROFESSOR McDERMOTT

Federal Jurisdiction and Procedure. Functioning of federal courts including such topics as original jurisdiction, removal of causes, the statutory court, appellate jurisdiction of the Circuit Courts of Appeal and Supreme Court. Consideration will also be given to the rules of civil procedure for the District Courts of the United States. Two hours a week, Spring Semester, 1943.

PROFESSOR LOWNDES

Legal Ethics. A seminar approach to the legal problems of the lawyer and the profession. Readings are assigned in legal biography, law reform, the history of the profession, legal aid work. Class discussions cover canons of ethics, statutes, cases, opinions of grievance committees dealing with the daily problems of the practicing lawyer. A written report is required on some phase of the reform of the administration of justice. Required of all third-year students. One hour a week, Summer Semester, 1942.

PROFESSOR BRADWAY

Legal Aid Clinic I. The objectives of the course are: to give the student experience in actual cases; to develop creative skills, techniques and mental habits; to encourage a sense of responsibility to client, court, profession and community. Students under supervision of staff attorneys and in co-operation with members of the Durham bar, court officials and social and other professional agencies in the community, engage, so far as students may, in the handling of actual cases from the first interview with the client until the final disposition of the problem by litigation or otherwise. In the first semester, class discussions are devoted to problems of law office organization such as dictation of letters, keeping records of cases and organizing working time; problems involved in the use of public records; interviewing clients, and planning a campaign in a legal case. Individual study of selected problems, involving the use of digests, encyclopedias, case reporter series, legal periodicals, etc.; the marshaling of authorities and preparation of memoranda of law and opinions. Trial briefs are prepared for lawyers in active practice. Required for graduation. Four hours a week, Summer Semester, 1942; three hours a week, Spring Semester, 1943.

PROFESSOR BRADWAY AND LEGAL AID CLINIC STAFF

Legal Aid Clinic II. The students continue their work with actual cases and clients. In addition they are given experience in special exercises such as drafting legal documents dealing with members of other professional groups as expert witnesses, working with two or more clients in conciliation proceedings. Appellate briefs are written for lawyers in active practice. Opportunity is afforded for special work in fields of particular interest. The course affords practical applications of the principles of legal ethics and legal etiquette. Students are expected to demonstrate adaptability to office routine, dependability in action, maturity of legal judgment. Required for graduation. Two hours a week, Fall Semester, 1942; Summer Semester, 1943.

PROFESSOR BRADWAY AND LEGAL AID CLINIC STAFF

6. LEGAL RESEARCH AND WRITING

Legal Bibliography. A historical study of the development of law books with particular emphasis upon the more important sets and classes of volumes, together with actual practice in the use of the books themselves for the purpose of developing facility in legal research. One hour a week, each semester.

MR. ROALFE

Individual Study and Research. With the approval of the Faculty, a student may, after completing the first year of law study, obtain up to 2 hours credit per semester by the study of, or special research in, a field of law under Faculty supervision. Selected students who have shown proficiency in law study may undertake the preparation of studies for publication in *Law and Contemporary Problems* under the supervision of the editors.

The foregoing courses as here offered are subject to such changes as may be found necessary.

Upon recommendation of the Committee on Graduate Study, seminars not listed in the bulletin may be created or arrangements made for supervision of special research by individual graduate students in any subject.

VOLUME 14

May, 1942

NUMBER 7

BULLETIN OF DUKE UNIVERSITY

The Divinity School



1941-1942

ANNOUNCEMENTS FOR 1942-1943

PUBLISHED BY THE UNIVERSITY
DURHAM, NORTH CAROLINA

ANNUAL BULLETINS

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For BULLETIN OF THE SUMMER SESSION, apply to *The Director of the Summer Session*, Duke University, Durham, N. C.

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BULLETIN
OF
DUKE UNIVERSITY



THE DIVINITY SCHOOL

1941-1942

ANNOUNCEMENTS FOR 1942-1943

DURHAM, NORTH CAROLINA

1942

CALENDAR

1942

- Sept. 18. Friday, 4:00 P.M.—First regular Faculty meeting.
- Sept. 19. Saturday—Matriculation and registration of students.
- Sept. 21. Monday, 8:00 A.M.—Instruction begins.
- Sept. 21. Monday, 10:30 A.M.—Formal opening exercises.
- Oct. 5. Monday—Last day for submitting subjects for B.D. theses.
- Nov. 26. Thursday—Thanksgiving Day: a holiday.
- Dec. 11. Friday—Duke University Day.
- Dec. 19. Saturday, 1:00 P.M.—Christmas recess begins.
- Dec. 29. Tuesday, 1:00 P.M.—Instruction is resumed.

1943

- Jan. 15. Friday—Mid-year examinations begin.
- Jan. 23. Saturday—Matriculation and registration for second semester.
- Jan. 25. Monday—Second semester begins.
- May 3. Monday—Last day for submitting B.D. theses.
- May 12. Wednesday—Final examinations begin.
- May 22. Saturday—Commencement Day.

GENERAL ADMINISTRATION

FLOWERS, ROBERT LEE, A.M., LL.D.
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Vice-President

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Dean Emeritus of the Divinity School

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Professor of Preaching

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Professor of Christian Doctrine

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Professor of Christian Ethics

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ADAMS, DONALD KEITH, A.B., M.A., Ph.D.

Associate Professor of Psychology

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ELLWOOD, CHARLES ABRAM, Ph.B., Ph.D., LL.D.
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HAINES, HOWARD N., B.S.
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JENSEN, HOWARD EIKENBERRY, A.B., A.M., B.D., Ph.D.
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LUNDHOLM, HELGE, Ph.D.
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Associate Professor of Sociology

WIDGERY, ALBAN GREGORY, B.A., M.A.
Professor of Philosophy

COMMITTEES OF THE FACULTY

Admissions: Garber, Russell, Smith.

Alumni: Garber, Branscomb, Hickman.

Bulletin: Cannon, Hickman, Spence.

Chapel: Outler, Spence, Stinespring.

Curriculum: Garber, Branscomb, Cannon, Russell, Smith.

Endowments: Rowe, Clark, Ormond.

Extension: Hickman, Rowe, Russell.

Honors and Awards: Myers, Hart, Stinespring.

Library: Branscomb, Petry, Rowe.

Public Exercises: Stinespring, Cannon, Rowe.

Registration: Petry, Ormond.

Research: Smith, Branscomb, Hart.

Social: Spence, Clark, Dubs.

Social Service: Hart, Dubs, Smith.

Spiritual Life: Russell, Myers, Petry.

Student Field Work: Ormond, Myers, Outler.

Theses: Clark, Cannon, Outler.

THE DIVINITY SCHOOL OF DUKE UNIVERSITY

HISTORICAL STATEMENT

The present Duke University has gradually been developed from a simple beginning in a local school established in 1838 in the northwestern part of Randolph County, North Carolina. This school was enlarged in 1840 and named Union Institute. In 1841 it was incorporated as Union Institute Academy by the legislature of North Carolina. Under the leadership of President Braxton Craven, the Academy grew into an institution chartered as Normal College in 1851. An amendment to the charter in November, 1852, authorized Normal College to grant degrees, and two students were graduated in 1853 with the degree of Bachelor of Arts.

In 1859 the charter of Normal College was amended to place the institution under the control of the Methodist Episcopal Church, South, and the name was changed to Trinity College. Dr. John Franklin Crowell became president of Trinity College in 1887. The most important achievement of his administration was the removal of the College to Durham, North Carolina, which was accomplished by September, 1892.

President Crowell resigned in 1894, and was succeeded by the Reverend John Carlisle Kilgo, D.D. During President Kilgo's administration the endowment of Trinity College was greatly increased, a library and other important buildings were erected, and notable progress was made by increasing the variety and improving the quality of the courses of instruction. A School of Law was established in 1904 by the gift of James B. and Benjamin N. Duke. In 1910 President Kilgo was succeeded by Dr. William Preston Few.

Trinity College experienced a great expansion in faculty, endowment, buildings, and equipment during President Few's administration. In December, 1924, James B. Duke established a \$40,000,000 trust fund for educational and charitable purposes. Trinity College accepted the terms of the indenture of trust on December 29, 1924, and on the following day the name of the institution was changed to Duke University. Mr. Duke's death in 1925 was followed by the announcement of munificent provisions in his will for the development of the University which bears his family name. Following the death of President Few in October, 1940, Dr. Robert Lee Flowers was elected as his successor on January 29, 1941.

Dr. Edmund Davison Soper was dean of the Divinity School from 1926 to 1928. He was succeeded by Dr. Elbert Russell. Following the resignation of Dean Russell in 1941, Dr. Paul Neff Garber became dean on June 3, 1941.

THE DIVINITY SCHOOL

Trinity College was established by Christian men for the purpose of providing education for young men and women under distinctive Chris-

tian auspices. There has been no departure from this clearly defined aim. On the contrary, there has been ever-increasing emphasis placed upon this feature of the work of the College, especially in the provision in the curriculum for a great variety of courses on the Bible and other religious subjects.

Through the gift of James B. Duke, the Divinity School and its curriculum have been separated from the work of the Department of Religion in Trinity College. Among those for whom his gift was intended Mr. Duke placed ministers first. He felt sure that his native state of North Carolina stood in need primarily of a better educated and more efficiently trained ministry. The organization of the Divinity School of Duke University, the first of the professional schools to start its work, is the carrying out of this intention on the part of Mr. Duke. The work of the School began with the academic year 1926-27, though the formal opening exercises were not held until November 9, 1926.

The Divinity School is a member of the American Association of Theological Schools and was included in the list of accredited theological schools approved by the Association in June, 1938.

THE PURPOSE OF THE DIVINITY SCHOOL

Christian work has now expanded to the extent that it covers far more than the work of a preacher or minister. The Divinity School of Duke University purposes to offer training for those engaged in all types of Christian service. This includes missionaries, teachers of Bible and other religious subjects in the schools and colleges of the church, directors of religious education, and social workers. In the future it is planned to fit the courses more completely to the needs of these workers. Still it must be kept clear that the minister in charge of a church, who stands before the people to preach the Gospel of Christ, is the center and key to the whole problem of Christian work in the church. It is felt with strong conviction that the training of all Christian workers should be maintained on a high level. Consequently, the Divinity School is organized on a strictly graduate basis. It is sincerely hoped that the standard thus set may increasingly influence the type of men and women entering Christian work and may lead them to demand the best of themselves in the prosecution of the work of Christ among men.

RELATION OF THE DIVINITY SCHOOL TO DUKE UNIVERSITY

As one of the co-ordinate schools of Duke University, the Divinity School is in closest touch with the other schools, particularly with Trinity College and with the Graduate School of Arts and Sciences. Various privileges of Duke University are open to students of the Divinity School. Students in the School are expected to take part in the religious and social life of the University campus and to share in athletic interest and activities.

REQUIREMENTS FOR ADMISSION

Candidates for matriculation must be graduates of colleges of recognized standing. They will be admitted without examination on presentation of an official transcript of all college credits and such other credits as they may have secured. This applies to students coming from foreign countries as well as to students from institutions in the United States. They must satisfy the Faculty as to their Christian character and purpose. To this end a letter regarding a student's character and purpose from the pastor of his home church, a church official or some faculty member in the college where he did his undergraduate work, should be presented at the time of admission. Women will be admitted on the same conditions as men. Graduates from nonaccredited institutions may be admitted on probation.

PART-TIME SCHEDULES

Students who are not giving full time to their studies in the Divinity School may carry only limited schedules of class work.

REQUIREMENTS FOR GRADUATION

The requirements for the degree of Bachelor of Divinity are ninety semester hours, six semester hours of which shall be covered by the writing of an adequate thesis, either in a thesis seminar or under supervised thesis guidance. The course is planned to cover three years, of two semesters each. In no case will the degree of Bachelor of Divinity be conferred on a student until he has spent at least two full semesters in residence in the Divinity School, and has satisfactorily completed a minimum of twenty-four semester hours of work.

THESIS

A thesis is required of all candidates for the degree of Bachelor of Divinity. It shall be of such a character as shall evidence a knowledge of the methods of research and an ability to conduct independent investigations. It shall be written upon some topic in the major field of study. The candidate is responsible for the selection of a suitable subject, which must be approved by the professor in charge of the major field and must be filed with the Dean of the Divinity School on or before October 5 of the academic year in which it is expected that the degree will be conferred. Following the submission and approval of the subject of the thesis no changes will be permitted, except changes for the purpose of clarification or limitation of the subject. A student who does not complete his thesis within a period of three years from the date of the approval of his subject must secure a reapproval of the old subject or the approval of a new subject. The thesis shall be prepared under the supervision and guidance of the professor in charge of the major field. No student shall be allowed to write his thesis *in absentia* except with the approval of the Committee on Theses upon the recommendation of the

professor in charge of the thesis. In all such cases regular reports as to the progress of the thesis must be made to the professor in charge, as often as he may deem wise.

The thesis shall be between one hundred and one hundred and twenty pages in length, inclusive of introduction, conclusion, appendices, and bibliography, except in unusual cases clearly recognized as such by the Committee on Theses in approving thesis subjects. The student, the director, and the Committee on Theses shall be responsible for the selection and approval of such subjects as can be treated satisfactorily within these limits.

The thesis shall be read by a committee of three members of the Faculty of the Divinity School, consisting of the professor under whose direction the thesis has been written and two other members appointed by the Dean, one of whom shall be of a department other than that in which the thesis is written. Each candidate shall be examined orally on his thesis by the committee appointed to read it, said examination not to exceed one hour in length. The thesis must be satisfactory to a majority of the members of the Committee of Examination, including the representative of the department in which the thesis was written.

A complete, typed copy of the thesis shall be in the hands of the professor under whom the thesis is written, for correction, by April 19, and three permanently bound typewritten copies shall be presented for examination not later than May 3 of the year in which it is expected the degree will be conferred. Theses submitted after May 3 shall not be considered as fulfilling the requirements for graduation in that academic year. In the case of extensive corrections of the thesis in the course of the examination, such retyping and rebinding of the thesis as the Committee of Examination may desire shall be required.

PRESEMINARY CURRICULUM

The Divinity School, in substantial agreement with the standards of the American Association of Theological Schools, recommends that prospective candidates for admission keep in mind the desirability of including the following in their undergraduate curriculum:

Two years' work in English literature and composition.

Two years in a foreign language.

One semester each in psychology, philosophy, and sociology (or economics).

One year in history.

An introduction to the natural sciences with adequate laboratory work (biology or one of the physical sciences).

Proficiency in public speaking.

REQUIREMENTS FOR THE DEGREE OF BACHELOR OF DIVINITY

GENERAL REQUIREMENTS

Ninety semester hours are required for graduation. Forty-five of these must be the following:

Old Testament	6 s.h.
New Testament	6 s.h.
Christian Doctrine	6 s.h.
Church History	6 s.h.
Homiletics	6 s.h.
History of Religion and Missions	6 s.h.
Religious Education	3 s.h.
Practical Theology	3 s.h.
Philosophy of Religion and Christian Ethics	3 s.h.
	45 s.h.

MAJORS AND THESES

Each student must select a major field in which he elects to write his thesis and in which he must take fifteen semester hours including the general requirement in that field. This choice must be made by the end of the Middle year. A student may take his major in any of the departments of the Divinity School. He may also take his major in English Bible. To major in that field, he must complete in addition to the required work in the Departments of Old Testament and New Testament six semester hours in the Department of Old Testament and six semester hours in the Department of New Testament, exclusive of language.

DISTRIBUTION OF COURSES BY YEARS

JUNIOR YEAR

Old Testament	6 s.h.
New Testament	6 s.h.
Church History	6 s.h.

The remaining twelve semester hours shall be chosen from the remaining required courses in the Departments of Practical Theology, Religious Education, History of Religion and Missions, but not more than six semester hours shall be taken in one department. Students desiring courses in Greek and Hebrew may secure a suitable rearrangement of the distribution of courses by years on approval of the Registration Committee.

12 s.h.

30 s.h.

MIDDLE YEAR

Christian Doctrine	6 s.h.
Homiletics	6 s.h.
Philosophy of Religion and Christian Ethics	3 s.h.

After all other required courses are completed, the remainder of the work of this year is elective, but not more than twelve semester hours shall be taken in one department.

15 s.h.

30 s.h.

SENIOR YEAR

In the Senior year the student must fulfill all general requirements not completed in the Junior and Middle years. The remainder of the work is elective.

30 s.h.

TABLE OF REQUIRED COURSES**OLD TESTAMENT**

203-204. Introduction to the Old Testament 6 s.h.

NEW TESTAMENT

213-214. The Beginnings of Christianity 6 s.h.

CHRISTIAN DOCTRINE

321. Introduction to Theology, *and* 3 s.h.

322. Introduction to the History of Christian Thought 3 s.h.

CHURCH HISTORY

233. Church History to the Reformation 3 s.h.

234. The History of the Evangelical Movement 3 s.h.

HOMILETICS

341-342. Theory and Practice of Preaching 6 s.h.

PRACTICAL THEOLOGY

351. Church Administration 3 s.h.

RELIGIOUS EDUCATION

262. The Educational Work of the Church 3 s.h.

PHILOSOPHY OF RELIGION AND CHRISTIAN ETHICS

291. Christian Ethics 3 s.h.

HISTORY OF RELIGION AND MISSIONS

281. Living Religions of the World 3 s.h.

282. Missionary Promotion 3 s.h.

COURSES OF INSTRUCTION*

OLD TESTAMENT

201-202. **First Hebrew.**—The principles and structure of the Hebrew language with translation of selected Old Testament narratives. M.W.F. at 9:10. 6 s.h. ASSOCIATE PROFESSOR STINESPRING

203-204. **Introduction to the Old Testament.**—The origin, literary forms, and contents of the books of the Old Testament in their geographical and historical setting. M.W.F. at 8:00. 6 s.h. PROFESSOR RUSSELL AND ASSOCIATE PROFESSOR STINESPRING

301. **Old Testament Theology.**—The religious and ethical teachings of the books of the Old Testament in their historical development. Prerequisite: Old Testament 203-204. T.Th.S. at 10:20. 3 s.h. PROFESSOR RUSSELL

303. **The Exegesis of Selected Books of the Old Testament.**—A study of the Wisdom Literature with special emphasis on the Book of Job. Based on the English text. Prerequisite: Old Testament 203-204. T.Th.S. at 9:10. 3 s.h. PROFESSOR RUSSELL

304. **Aramaic.**—A study of the Aramaic portions of the Old Testament, and selected passages from the Targums, Midrashes, and Talmuds. Hours to be arranged. 3 s.h. ASSOCIATE PROFESSOR STINESPRING
[Not offered in 1942-43]

305-306. **Elementary Arabic.**—No prerequisite, but one year of Hebrew recommended as preparation. 6 s.h. ASSOCIATE PROFESSOR STINESPRING
[Not offered in 1942-43]

307-308. **Second Hebrew.**—Samuel or Kings the first semester and Isaiah the second. M.W.F. at 2:00. 6 s.h. ASSOCIATE PROFESSOR STINESPRING

309. **History of the Ancient Near East.**—A survey of the early civilizations of Egypt, Palestine, Syria, and Mesopotamia in the light of Biblical archaeology. T.Th.S. at 11:30. 3 s.h. ASSOCIATE PROFESSOR STINESPRING

310. **Old Testament Prophecy.**—A study of the social teachings of the Old Testament with special reference to the prophets of the eighth century B.C. T.Th.S. at 10:20. 3 s.h. ASSOCIATE PROFESSOR STINESPRING

401-402. **Thesis Seminar.**—For students majoring in the Department of Old Testament. Hours to be arranged. (Upon the satisfactory completion of the thesis the student receives six semester hours' credit for the thesis.) DEPARTMENTAL STAFF

NEW TESTAMENT

211-212. **Hellenistic Greek.**—Designed for beginners to enable them to read the Greek New Testament. T.Th.S. at 9:10. 6 s.h., provided the student takes six semester hours in New Testament Greek the following year. ASSISTANT PROFESSOR CLARK

* On recommendation of the professor in charge of the major field, courses offered in the Graduate School of Arts and Sciences other than those approved for credit in the Divinity School may be approved for credit in individual cases, provided no equivalent course is offered in the Divinity School; each case to be decided on its merits.

213-214. **The Beginnings of Christianity.**—A survey course dealing with the background, the beginnings, and the early history of Christianity. Special attention is given to the creation of the literature of the New Testament. M.W.F. at 9:10. 6 s.h.

PROFESSOR BRANSCOMB AND ASSISTANT PROFESSOR CLARK

217. **The New Testament in Greek.**—Considerable portions of the Greek text of the New Testament will be read and the principles of Hellenistic Greek studied. Prerequisite: six semester hours' study of the Greek language. T.Th.S. at 9:10. 3 s.h.

PROFESSOR BRANSCOMB

218. **Galatians and I Corinthians.**—A detailed study of two of Paul's major epistles. The course will be based on the Greek text. Prerequisite: New Testament 217 or its equivalent. T.Th.S. at 9:10. 3 s.h.

[Not offered in 1942-43]

ASSISTANT PROFESSOR CLARK

219. **Life of Paul.**—A study of Paul's life on the basis of Acts and the letters of Paul, emphasizing the permanent values in Paul's work and his contribution to the world. T.Th.S. at 11:30. 3 s.h.

PROFESSOR MYERS

220. **I Peter and the Gospel of John.**—A detailed study of two of the non-Pauline writings of the New Testament. The course will be based on the Greek text. Prerequisite: New Testament 217 or its equivalent. T.Th.S. at 9:10. 3 s.h.

PROFESSOR BRANSCOMB

311. **The Life and Teachings of Jesus.**—Prerequisite: New Testament 213-214. M.W.F. at 10:20. 3 s.h.

PROFESSOR BRANSCOMB

312. **New Testament Theology.**—The religious teachings of the books of the New Testament. Prerequisite: New Testament 213-214. M.W.F. at 10:20. 3 s.h.

PROFESSOR RUSSELL

313. **Apostolic Fathers.**—A study of the Christian development from Clement of Rome to Polycarp, with readings in the Greek text. T.Th.S. at 10:20. 3 s.h.

ASSISTANT PROFESSOR CLARK

314. **Early Christian Apologists.**—A study of Christian apologetics in the second century, with readings in the Greek text. M.W. at 2:00. 3 s.h.

PROFESSOR BRANSCOMB

315. **Judaism at the Beginning of the Christian Era.**—A study of Judaism from the time of Ben Sirach to the writing of the Mishna. Prerequisite: New Testament 213-214. M.W. at 2:00. 3 s.h.

PROFESSOR BRANSCOMB

316. **Hellenistic Religions at the Beginning of the Christian Era.**—Prerequisite: New Testament 213-214. T.Th.S. at 10:20. 3 s.h.

ASSISTANT PROFESSOR CLARK

318. **Text of New Testament.**—A study of the materials for the reconstruction of the text, the principles of textual criticism, and the history of the text. Practical exercises in the use of manuscripts and facsimiles will be given. Prerequisite: New Testament 213-214 and a reading knowledge of Greek. T.Th.S. at 11:30. 3 s.h.

ASSISTANT PROFESSOR CLARK

411-412. **Thesis Seminar.**—The materials and methods for the investigation of New Testament problems, with individual research done under the direction of the members of the Department. Admission by special permission. (Upon the satisfactory completion of the thesis, the student receives six semester hours' credit for the thesis.)

DEPARTMENTAL STAFF

CHRISTIAN DOCTRINE

221. Platonism and Christianity.—An analysis of Plato's religious philosophy and a survey of its continuing influence in Hellenistic and Christian thought. Prerequisite: six semester hours in philosophy or its equivalent (Christian Doctrine 321). T.Th. 2:00-3:30. 3 s.h.

[Not offered in 1942-43]

ASSISTANT PROFESSOR OUTLER

222. Theology and Philosophy in the Nineteenth Century.—A study of Protestant thought from Schleiermacher to Troeltsch, with special attention to the reciprocal relations between theology and metaphysics. Prerequisite: six semester hours in philosophy or its equivalent (Christian Doctrine 321). T.Th. 2:00-3:30. 3 s.h.

[Not offered in 1942-43]

ASSISTANT PROFESSOR OUTLER

321. Introduction to Theology.—An examination of types of theological method and an indication of some of the results obtained through a resort to observation and experience in theological investigation. M.W.F. at 8:00. 3 s.h.

PROFESSOR ROWE

322. Introduction to the History of Christian Thought.—A rapid survey of the main problems, thinkers, and epochs in the theological development of Christianity from its beginnings to the end of the nineteenth century. M.W.F. at 8:00. 3 s.h.

ASSISTANT PROFESSOR OUTLER

323. The Christian Conception of the Church.—A historical survey of the ways in which the Christian tradition has interpreted the idea of the church, followed by a critical analysis of the theological implications of such contemporary problems as church and state, church and culture, and the ecumenical movement. Prerequisite: Christian Doctrine 321. T.Th.S. at 9:10. 3 s.h.

ASSISTANT PROFESSOR OUTLER

324. The Content of Christian Doctrine.—A comprehensive survey of the doctrines of Christianity as presented systematically in the works of some recent theologians. Prerequisite: Christian Doctrine 321. M.W.F. at 10:20. 3 s.h.

PROFESSOR ROWE

325. Soteriology.—A study of the Christian doctrine of salvation and a comparison of the various ways by which the saving power of God is understood to take effect in personal and social life. Prerequisite: Christian Doctrine 321. T.Th.S. at 11:30. 3 s.h.

[Not offered in 1942-43]

PROFESSOR ROWE

326. Eschatology.—A study of "the last things" in the light of the Christian hope for the individual and for society with special consideration of the Christian doctrine of immortality. Prerequisite: Christian Doctrine 321. T.Th.S. at 11:30. 3 s.h.

[Not offered in 1942-43]

PROFESSOR ROWE

327. Arminian Theology.—A study of Arminianism in the religious thought of England and America with special reference to the system of doctrine contained in the theological writings and doctrinal standards of Methodism. Prerequisite: Christian Doctrine 321. T.Th.S. at 11:30. 3 s.h.

PROFESSOR ROWE

328. Current Theology.—A survey of the fields of current theology with special attention given to the most significant and influential movements of reconstruction and reaction in contemporary Christianity. Prerequisite: Christian Doctrine 321. T.Th.S. at 11:30. 3 s.h.

PROFESSOR ROWE

329. **Seminar in Historical Theology.**—Selected problems in the history of Christian thought, with special reference to the relation between theology and philosophy. M. at 7:30 P.M. 2 s.h. ASSISTANT PROFESSOR OUTLER

423. **History of Christian Thought I.**—A survey of theology and philosophy in the development of the patristic and medieval church. Special attention is given to the writings of the most influential thinkers and to the official pronouncements of the church. Prerequisite: Christian Doctrine 321-322. T.Th. 2:00-3:30. 3 s.h. ASSISTANT PROFESSOR OUTLER

424. **History of Christian Thought II.**—A survey of theological thought in the development of Protestant Christianity and Roman Catholicism. Special attention is given to problems of theological method and the influence of critical and speculative thought in science and philosophy. Prerequisite: Christian Doctrine 321-322. T.Th. 2:00-3:30. 3 s.h. ASSISTANT PROFESSOR OUTLER

427-428. **Thesis Seminar.**—A seminar in thesis guidance. For students majoring in the Department of Christian Doctrine. Hours to be arranged. (Upon the satisfactory completion of the thesis the student receives six semester hours' credit for the thesis.) DEPARTMENTAL STAFF

CHURCH HISTORY

233. **Church History to the Reformation.**—A survey of the growth of the Christian Church from the Apostolic Age to the Reformation. M.W.F. at 10:20. 3 s.h. ASSISTANT PROFESSOR PETRY

234. **History of the Evangelical Movement.**—Beginning with the Lutheran Reformation, this course traces the rise, growth, influence, and history to 1800 of the Calvinistic, Anglican, Reformed, Quaker, Baptist, and Methodist movements. M.W.F. at 10:20. 3 s.h. PROFESSOR GARBER

331. **The Social Message of the Early and Medieval Church.**—A study of the social teachings of the Christian Church prior to the Protestant Reformation, stressing the contributions of Christianity to social progress. Prerequisite: Church History 233-234. T.Th.S. at 8:00. 3 s.h. ASSISTANT PROFESSOR PETRY

332. **The Medieval Church.**—Outstanding characteristics of the Medieval Church, emphasizing theory, polity, institutions, sacraments, and worship. Prerequisite: Church History 233-234. T.Th.S. at 8:00. 3 s.h. ASSISTANT PROFESSOR PETRY

334. **A History of Christian Renunciation in the Middle Ages.**—A study of the renunciatory ideal and of spiritual practices with special reference to Benedictines, Franciscans, Lowland mystics, and leading seculars. Prerequisite: Church History 233-234. M.W.F. at 9:10. 3 s.h. ASSISTANT PROFESSOR PETRY
[Not offered in 1942-43]

335-336. **The Church in America.**—The church as a factor in the social, economic, and political life of America. Prerequisite: Church History 233-234. T.Th.S. at 10:20. 6 s.h. PROFESSOR GARBER
[Not offered in 1942-43]

337. **Religion in the Southern States since the Civil War.**—A study of the religious life of the Southern people since 1865. Prerequisite: Church History 233-234. 3 s.h. PROFESSOR GARBER
[Not offered in 1942-43]

339. Methodism.—A study of the beginnings and growth of the Methodist societies in England, of early Methodism in America, and of the development of the several branches of the Methodist Church in America. Prerequisite: Church History 233-234. M.W.F. at 10:20. 3 s.h. PROFESSOR GARBER
[Not offered in 1942-43]

431. Modern Religious Leaders.—A study of outstanding individuals who have influenced the thought and program of the modern church. The life, work, and contributions of about twenty representative Christian leaders. Prerequisite: Church History 233-234. M.W.F. at 9:10. 3 s.h. PROFESSOR GARBER

432. Religious Leaders of the Early and Medieval Church.—Among those to be studied are Justin Martyr, Origen, Cyprian, Athanasius, Jerome, Augustine, Benedict of Nursia, Gregory VII, Abelard, Innocent III, Francis of Assisi, Thomas Aquinas, and John Wyclif. Prerequisite: Church History 233-234. M.W.F. at 10:20. 3 s.h. ASSISTANT PROFESSOR PETRY

437-438. Thesis Seminar.—Principles and practice of research. (Upon the satisfactory completion of the thesis the student receives six semester hours' credit for the thesis.) DEPARTMENTAL STAFF

HOMILETICS

341-342. Theory and Practice of Preaching.—Investigation of practical problems in preaching to determine causes of success and failure. Practice preaching. T.Th.S. at 9:10. 6 s.h. PROFESSORS HICKMAN AND MYERS

343. Psychology of Preaching.—Psychological study of the preaching motive and of the relation of the preacher to his congregation and to the social order. T.Th.S. at 10:20. 3 s.h. PROFESSOR HICKMAN
[Not offered in 1942-43]

344. Pastoral Psychology.—Study of psychological and psychiatric principles bearing upon pastoral work. T.Th.S. at 10:20. 3 s.h. PROFESSOR HICKMAN
[Not offered in 1942-43]

345. Major Types of Preaching.—An examination of the several types of preaching with special attention to the expository, ethical, and biographical types. Prerequisite: Hom. 341-342. T.Th.S. at 10:20. 3 s.h. PROFESSOR HICKMAN

346. Doctrinal Preaching.—A study of doctrinal preaching in an age of changing intellectual and social perspectives. Prerequisite: Hom. 341-342. T.Th.S. at 10:20. 3 s.h. PROFESSOR HICKMAN

347. Materials of Preaching.—A critical evaluation of selected portions of the Bible and of some non-Biblical materials for constructive modern preaching. Prerequisite: Hom. 341-342. T.Th.S. at 11:30. 3 s.h. PROFESSOR MYERS
[Not offered in 1942-43]

348. History of Preaching.—A study of significant periods and their representative preachers, to determine their value for modern preaching. Prerequisite: Hom. 341-342. T.Th.S. at 11:30. 3 s.h. PROFESSOR MYERS

PRACTICAL THEOLOGY

351. Church Administration.—The minister's qualifications for church administration; the minister's service in managing the church organization and supervising the program. T.Th.S. at 11:30. 3 s.h. PROFESSOR ORMOND

352. **Parish Evangelism.**—A study of effective modern methods of evangelism in the local church. T.Th.S. at 11:30. 3 s.h. PROFESSOR ORMOND

353. **The Rural Church.**—A study of rural conditions with special emphasis upon the church as a community institution. M.W.F. at 10:20. 3 s.h. PROFESSOR ORMOND

354. **Public Worship and Ordinances of the Church.**—The principles and practice of public worship; attention to the use of the ritual in the church. M.W.F. at 10:20. 3 s.h. PROFESSOR ORMOND

356. **The Urban Church.**—A study of the function of the church in towns and cities with special attention to the church in industrial centers. M.W.F. at 9:10. 3 s.h. PROFESSOR ORMOND

[Not offered in 1942-43]

358a. **Church Music.**—A study of hymnology, song leading, and problems of the modern church choir. W.F. at 2:00. 2 s.h. MR. BARNES

358b. **Church Architecture.**—A study of the best types of church architecture for attractiveness and effective service in open country and towns. M. at 3:00. 1 s.h. MR. HAINES

453-454. **Practicum on Rural Church Work.**—(Required of all students holding appointments on the Duke Endowment. No academic credit.) W. at 4:00. PROFESSOR ORMOND

457-458. **Thesis Seminar.**—A seminar in thesis guidance. For students majoring in the Department of Practical Theology. Hours to be arranged. (Upon the satisfactory completion of the thesis the student receives six semester hours' credit for the thesis.) PROFESSOR ORMOND

*220. **Rural Sociology.**—Identical with Sociology 215. M.W.F. at 9:00. 3 s.h. ASSOCIATE PROFESSOR THOMPSON

373. **Pastoral Psychology.**—Identical with Homiletics 344. T.Th.S. at 10:20. 3 s.h. PROFESSOR HICKMAN

[Not offered in 1942-43]

459. **Introduction to Psychiatry.—Th. at 1:30. 1 s.h.

RELIGIOUS EDUCATION

262. **The Educational Work of the Church.**—A consideration of the total task of the church from an educational viewpoint. Attention will be given to such fundamental aspects as principles and objectives of the educative process, curriculum, supervision, worship and leadership education and guidance. T.Th.S. at 8:00. 3 s.h. PROFESSOR SPENCE

263. **The Principles and Theory of Religious Education.**—The aims, principles, and theory of religious education from a Christian point of view; a study of the processes involved in the development of moral and religious personality and the fundamental conceptions underlying the theory of Christian education. Prerequisite: Religious Education 262. T.Th.S. at 9:10. 3 s.h. PROFESSOR SPENCE

[Not offered in 1942-43]

* Course offered in the Graduate School of Arts and Sciences which is credited toward the degree of Bachelor of Divinity.

** Course offered in the School of Medicine which is credited toward the degree of Bachelor of Divinity.

363. Curriculum of Religious Education.—Educational conceptions of the curriculum; values and uses of current curricula; principles and technics of curriculum construction. Prerequisite: Religious Education 262. T.Th.S. at 8:00. 3 s.h. PROFESSOR SPENCE

[Not offered in 1942-43]

364. Educational Aspects of Worship.—A study of worship in its bearing upon the educational functions of the Christian religion and the principles and procedures involved in the development of the worshipful personality and group. Prerequisite: Religious Education 262. T.Th.S. at 9:10. 3 s.h. PROFESSOR SPENCE

365. The History of Religious Education.—A survey of the contributions to religious education made by leading educational systems; with special emphasis placed upon the development of religious education in America and the relation of religious education and public education. Prerequisite: Religious Education 262. T.Th.S. at 9:10. 3 s.h. PROFESSOR SPENCE

366. The Educational and Spiritual Values of Great Literature.—A study of Biblical and other great literature from the standpoint of their teaching values; analysis of material with reference to needs, interests, and capacities of various age groups. Correlation of Biblical and extra-Biblical material with a view to its adaptability for teaching and preaching purposes. Prerequisite: Religious Education 262. T.Th.S. at 9:10. 3 s.h. PROFESSOR SPENCE

[Not offered in 1942-43]

367. Technic of Teaching Religion.—Objectives and principles of the teaching process, including a discussion of the major types of educational procedure. Prerequisite: Religious Education 262. T.Th.S. at 8:00. 3 s.h. PROFESSOR SPENCE

461-462. Thesis Seminar.—A seminar in thesis guidance. For students majoring in the Department of Religious Education. Hours to be arranged. (Upon the satisfactory completion of the thesis the student receives six semester hours' credit for the thesis.) PROFESSOR SPENCE

***206. Social Psychology.**—Open to students in the Divinity School on consent of instructor. M.W.F. at 11:30. 3 s.h. ASSOCIATE PROFESSOR ADAMS

***223. Abnormal Psychology.**—Open to students in the Divinity School on consent of instructor. M.W.F. at 2:00. 3 s.h. PROFESSOR LUNDHOLM

***228. Psychology of Belief.**—Open to students in the Divinity School on consent of instructor. T.Th. at 10:20. 2 s.h. PROFESSOR LUNDHOLM
[Not offered in 1942-43]

****265. Religious Drama.**—A study of the uses and underlying principles of religious drama, followed by a critical examination of selected dramatic productions. M.W.F. at 9:10. 3 s.h. PROFESSOR SPENCE

****268. Drama Construction and Production.**—The course will deal with the use of drama in religious education with special reference to the church and church school. It is contemplated that there will be practice in teaching through dramatics, in actually creating dramatic programs of worship, and in the writing and producing of drama. M.W.F. at 9:10. 3 s.h. PROFESSOR SPENCE

* Course offered in the Graduate School of Arts and Sciences which is offered toward the degree of Bachelor of Divinity.

** Course offered in Trinity College of Duke University which is credited toward the degree of Bachelor of Divinity.

HISTORY OF RELIGION AND MISSIONS

281. **Living Religions of the World.**—A survey of the religious systems of India, China, and Japan, followed by a study of Judaism, Mohammedanism, and Christianity, the object being to trace the historical development of each religion. T.Th.S. at 10:20. 3 s.h. PROFESSOR CANNON

282. **Missionary Promotion.**—The history and promotion of the missionary enterprise at the home base and abroad. T.Th.S. at 10:20. 3 s.h. PROFESSOR CANNON

284. **Comparative Religion.**—The ideas of God, sin, salvation, the future life and ethics in the religions of the world. Prerequisite: 281. M.W.F. at 9:10. 3 s.h. PROFESSOR CANNON

285. **The Religions of the Far East.**—A study of the religious systems of China, Korea, and Japan. T.Th.S. at 11:30. 3 s.h. PROFESSOR CANNON
[Not offered in 1942-43]

286. **The Religions of India.**—A study of present-day religious movements in India, with special reference to Hinduism. T.Th.S. at 9:10. 3 s.h. PROFESSOR CANNON
[Not offered in 1942-43]

287. **Mohammedanism.**—The life of Mohammed and the religion of Islam, special attention being given to the Koran and its teachings. The aim is to interpret Mohammedanism as a force today. Prerequisite: 281. M.W.F. at 9:10. 3 s.h. PROFESSOR CANNON

289. **Buddhism.**—India at the rise of Buddhism. Life of the Buddha and the teachings of early Buddhism. Development into the Hinayana and Mahayana schools, its spread and present condition in southern and eastern Asia. Prerequisite: 281. M.W.F. at 9:10. 3 s.h. PROFESSOR CANNON
[Not offered in 1942-43]

481-482. **Thesis Seminar.**—Problems of research in History of Religion and Missions. Open to advanced students on approval of the instructor. Prerequisite: six semester hours in the department. Hours to be arranged. (Upon the satisfactory completion of the thesis the student receives six semester hours' credit for the thesis.) PROFESSOR CANNON

PHILOSOPHY OF RELIGION AND CHRISTIAN ETHICS

291. **Christian Ethics I.**—An historical and systematic study of Christian conceptions of the moral life. T.Th.S. at 11:30. 3 s.h. PROFESSOR SMITH

292. **Christian Ethics II.**—A critical consideration of selected contemporary social problems from the viewpoint of the Christian ethic. T.Th.S. at 11:30. 3 s.h. PROFESSOR SMITH

293. **The Christian Religion and Modern Thought.**—A consideration of certain conspicuous features in the thought of our times as they bear upon the Christian faith and the problems of the religious man. W.F. at 2:00-3:15. 3 s.h. ACTING PROFESSOR DUBS
[Not offered in 1942-43]

294. **The Christian Religion and Values.**—The problem of the meaning of human life as discussed in modern theories of values. The Christian conception of values and their relative emphasis as contrasted with some contemporary opposing views. W.F. at 2:00-3:15. 3 s.h. ACTING PROFESSOR DUBS
[Not offered in 1942-43]

295. **Philosophical Foundations of Religious Belief I.**—The nature of religion, its types and their characteristics as bearing upon contemporary Christianity. T.Th. at 2:15-3:30. 3 s.h. ACTING PROFESSOR DUBS

296. **Philosophical Foundations of Religious Belief II.**—The problems of knowledge and value; the values of religion; the ideal religion; an attempt to formulate a tenable theistic philosophy. T.Th. at 2:15-3:30. 3 s.h. ACTING PROFESSOR DUBS

393-394. **Religious Thought in the Rise of American Culture.**—A survey of the main developments in American religious thought in relation to the growth of civilization and culture. M.W.F. at 10:20. 6 s.h. PROFESSOR SMITH

397. **Seminar in American Religious Thought.**—Selected problems, chiefly of the nineteenth century. T. at 3:30. 2 s.h. PROFESSOR SMITH

398. **Seminar in Christian Ethics.**—A critical study of selected problems. T. at 3:30. 2 s.h. PROFESSOR SMITH

491. **Thesis Seminar.**—A seminar in thesis guidance for students majoring in the department. (Upon satisfactory completion of the thesis the student receives six semester hours' credit for the thesis.) PROFESSOR SMITH

*203. **The Philosophy of Conduct.**—A critical study of the fundamental problems of ethics. M.W.F. at 9:10. 3 s.h. ASSOCIATE PROFESSOR MORGAN

*209. **Philosophy of Religion I: Philosophical Introduction.**—Religion viewed with the standpoint of consideration of deity. T.Th. at 2:15-3:30. 3 s.h. PROFESSOR WIDGERY
[Not offered in 1942-43]

*210. **Philosophy of Religion II: Philosophical Introduction.**—Religion viewed from the standpoint of the nature of man, his origin and destiny. T.Th. at 2:15-3:30. 3 s.h. PROFESSOR WIDGERY
[Not offered in 1942-43]

*226. **The History of Ethics.**—Theories of morality from Socrates to the present time. M.W.F. at 9:10. 3 s.h. ASSOCIATE PROFESSOR MORGAN
[Not offered in 1942-43]

SOCIOLOGY

At least five semester hours of undergraduate sociology are prerequisite to all courses of the Department, except 236 and 299. Students whose undergraduate training in sociology has been inadequate but who wish to pursue further work in the Department are advised to consult with the chairman of the Department of Sociology regarding the removal of their deficiency as soon as possible after matriculation in the Divinity School.

236. **Social Ethics.**—On what intellectually and scientifically sound basis can we formulate fundamental values and practical programs on economic, political and educational problems? How can potential leaders acquire the skills required for rendering their fullest service to their fellowmen? What agreements and what issues exist among writers on social ethics on such questions? M.W. 2:30-4:00. 3 s.h. PROFESSOR HART

* Course offered in the Graduate School of Arts and Sciences which is credited toward the degree of Bachelor of Divinity.

299. Marriage and Family Counseling.—A survey of practical problems in the light of social, psychological, and spiritual fundamentals, for persons preparing for professional work. W. 2:10-4:00. 2 s.h. PROFESSOR HART

421-422. Thesis Seminar.—A seminar in thesis guidance for students majoring in sociology. Hours to be arranged. (Upon the satisfactory completion of the thesis the student receives six semester hours' credit for the thesis.) PROFESSOR HART

***205. Social Pathology.**—A study of the causes, extent, significance, and constructive treatment of the principal forms of pathology in modern society; poverty, physical defectiveness, malnutrition, mental deficiency, mental disease, undirected leisure activities, and unstandardized commercial recreation, alcoholism, prostitution, vagrancy, and delinquency. T.Th.S. at 8:00. 3 s.h. PROFESSOR JENSEN

***206. Criminology.**—A study of the original tendencies of man and the problem of socializing these tendencies; the relations of physical and mental defectiveness and untoward influences in the home and neighborhood to crime; the development of criminological theory and procedure, emphasizing penal and reform methods, and especially modern methods of social treatment and prevention of crime. T.Th.S. at 8:00. 3 s.h. PROFESSOR JENSEN

***212 Child Welfare.**—A study of heredity and environment as factors in personality development; infant conservation; welfare responsibilities of the school, emphasizing the physical and mental well-being of the child, play, compulsory and industrial education; child labor, diagnosis and treatment of delinquency; care of the dependent and neglected child; child-caring agencies, public and private; and a community program of child welfare. 3 s.h. [Not offered in 1942-43] PROFESSOR JENSEN

***215. Rural Sociology.**—A study of the societies developed by people who settle the land and exploit it for a livelihood. The institutions peculiarly rural are the family farm, the peasant village, the ranch, and the plantation. In this course special attention is given to the plantation and the rural problems of the South. M.W.F. at 9:10. 3 s.h. ASSOCIATE PROFESSOR THOMPSON

***216. Urban Sociology.**—This course studies the function of the city in the larger community which it nucleates both as market and as industrial center. More detailed attention, however, is given to the inner life and problems of the city. M.W.F. at 9:10. 3 s.h. ASSOCIATE PROFESSOR THOMPSON

***319. Principles of Sociology.**—A critical study of sociological theory. The sociological theories of recent writers will be critically examined with a view to laying the foundation for a constructive theory of the social life in modern biology and psychology. T.Th.S. at 11:30. 3 s.h. PROFESSOR ELLWOOD

***320. History of Social Philosophy.**—Lectures on the development of social thought from Aristotle to the present; the social philosophies of Plato, Aristotle, St. Augustine, Thomas Aquinas, Machiavelli, Bodin, Hobbes, Locke, Vico, Montesquieu, Rousseau, Condorcet, and the sociological systems of Comte, Spencer, Shaeffle, Lilienfeldt, Gumplowicz, Ratzenhofer, and Ward, will, among others, be considered. T.Th.S. at 11:30. 3 s.h. PROFESSOR ELLWOOD

* Course offered in the Graduate School of Arts and Sciences which is credited toward the degree of Bachelor of Divinity.

GENERAL INFORMATION

FEES

Tuition is remitted to students matriculated in the Divinity School, for which they are expected to render from time to time service which shall not interfere with their work in the Divinity School.

Each student is assessed per semester as follows:

Matriculation Fee	\$25.00
Library Fee	5.00
Athletic Fee	5.00
Publication Fee (optional)	2.50
Hospital Fee	5.00
Damage Fee	1.00

Each student is assessed, in the last semester before a degree is conferred, a Commencement Fee of \$3.00 and a Diploma Fee of \$5.00. The latter fee is refunded if the diploma is not awarded.

LATE REGISTRATION

Students matriculating in either semester at a date later than that prescribed in the catalogue shall pay to the Treasurer of the University a penalty of \$5.00.

ROOMS

All rooms in the dormitories are provided with heat, water, and electric light. Each student furnishes his own blankets, sheets, pillow slips, towels, and pillows. Students must furnish their own electric lamps, which can be purchased from the University Store.

Rooms for a given year may be engaged at the office of the Director in the Business Division at any time before May 15 of the preceding year. Every student who wishes to retain his room for the succeeding year must notify the office of the Director in the Business Division on or before May 15. All rooms which have not been signed for on or before May 15 will be considered vacant for the succeeding year. A reservation is canceled, and the University is free to rent the room to other students, unless a deposit of \$25.00 for each proposed occupant, in part payment of the rent, is made by August 1. Further information concerning the rental of rooms can be secured from the Dean of the Divinity School.

BOARDING HALLS

The University dining hall in the University Union has accommodations for all the resident men students. It is the policy of the University to furnish board to the students at actual cost. The Union is the logical center of student activities, and all male students are advised to board in its supervised halls.

STUDENT AID

Scholarships are available for students, the terms of which may be ascertained by correspondence with the Dean of the Divinity School. Aid is also given in securing positions in churches. Students who need financial help may be assured that the administration will do all in its power to give the necessary assistance.

N. EDWARD EDGERTON SCHOLARSHIP FUND

In 1939 Mr. N. Edward Edgerton, of Raleigh, North Carolina, an alumnus of Duke University of 1921 and a former president of the Duke University Alumni Association, established the N. Edward Edgerton Scholarship Fund in the Divinity School. The purpose of the Edgerton Fund as specified by the donor is a "scholarship or scholarships to be awarded only to students who are candidates for the B.D. degree in the Divinity School."

THE LIBRARY

The Divinity School has its own library, conveniently housed in the Divinity School Building. The Library, which contains materials dealing with the subject of religion, already numbers nearly thirty thousand volumes. It has been carefully selected and is the equivalent in working efficiency of many libraries which are much larger. It is already rich in complete files of the more important journals and periodicals, in sets containing source materials for the study of the history of religion and missions, in facsimiles of the more important manuscripts of the New Testament, and in source materials in the field of American church history. The Library is being rapidly expanded. One of the outstanding possessions of the Library is a magnificent Greek manuscript of the thirteenth or fourteenth century containing the entire text of the New Testament.

Besides this special library, students of the Divinity School have the use of the General Library of the University, the Library of the School of Law, and the Library of the School of Medicine. All these libraries are located near the Divinity School Building.

**MASTER OF ARTS AND DOCTOR OF PHILOSOPHY
DEGREES IN RELIGION**

Graduate study in religion leading to the degrees of Master of Arts and Doctor of Philosophy may be pursued under the administrative direction of the Graduate School of Arts and Sciences.

Work toward these advanced degrees is available in three general fields: (1) Biblical Studies (Professor Branscomb, Adviser); (2) Studies in Church History (Professor Garber, Adviser); and (3) Studies in Christian Theology and Ethics (Professor Smith, Adviser). Courses approved by the Graduate Council for work in these fields are listed in the *Bulletin of the Graduate School*.

Students desiring additional graduate study for a degree beyond that of Bachelor of Divinity should apply to Calvin B. Hoover, Dean of the Graduate School of Arts and Sciences.

FACILITIES FOR ADVANCED STUDY IN THE AMERICAN SCHOOLS OF ORIENTAL RESEARCH

The Divinity School of Duke University is one of the supporting members of the American Schools of Oriental Research. This grants to students in the Divinity School the privilege of attending the American School in Jerusalem or the one in Bagdad without charge for tuition. They are also able to compete for the financial aids that are offered annually by the Schools. These consist of four fellowships, the stipends depending upon available funds.

RELIGIOUS LIFE

The students of the Divinity School are expected to attend the regular University Chapel services which are held on Tuesday and Friday of each week. Special chapel services for the Divinity School are held each Monday and Wednesday.

In this, as in other features of the University life, the students of the Divinity School are urged to identify themselves with the life of the whole student group.

DATE OF REGISTRATION

Classwork in the Divinity School for the academic session of 1942-43 will begin on Monday, September 21, 1942. The registration of students in the Divinity School will be held on Saturday, September 19, 1942.

ADDITIONAL INFORMATION

Requests for information not contained in this bulletin should be addressed to the Dean of the Divinity School, Duke University, Durham, North Carolina.

Announcement

COURSES IN RELIGION

DUKE UNIVERSITY SUMMER SESSION

1942

DURHAM, NORTH CAROLINA

First Term: June 9-July 20

Second Term: July 21-August 31

ADMINISTRATIVE OFFICERS

ROBERT LEE FLOWERS, A.M., LL.D.
PRESIDENT OF DUKE UNIVERSITY

HOLLAND HOLTON, A.B., J.D.
DIRECTOR OF THE SUMMER SESSION AND CHAIRMAN OF THE
UNIVERSITY COMMITTEE ON THE SUMMER SESSION

ADVISORY COMMITTEE ON COURSES IN RELIGION

PAUL NEFF GARBER, A.B., A.M., Ph.D., *Chairman*
DEAN OF THE DIVINITY SCHOOL

HILRIE SHELTON SMITH, A.B., Ph.D., D.D., Litt.D.
DIRECTOR OF GRADUATE STUDIES IN RELIGION

HIRAM EARL MYERS, A.B., S.T.B., S.T.M.
DIRECTOR OF UNDERGRADUATE STUDIES IN RELIGION

FACULTY

BRANSCOMB, BENNETT HARVIE; A.B., Birmingham-Southern College;
B.A., A.M., Oxford; Ph.D., Columbia; Litt.D., Birmingham-Southern Col-
lege; RELIGION (Duke University).

CANNON, JAMES, III; A.B., Duke; A.M., Princeton; Th.B., Th.M.,
Princeton Theological Seminary; Edinburgh University, 1919; Garrett,
1924; D.D., Birmingham-Southern College; RELIGION (Duke University).

OUTLER, ALBERT COOK; A.B., Wofford College; B.D., Emory Univer-
sity; Ph.D., Yale; RELIGION (Duke University).

PETRY, RAY C.; A.B., Manchester College; A.M., Ph.D., University of
Chicago; RELIGION (Duke University).

COURSES IN RELIGION

DUKE UNIVERSITY SUMMER SESSION

Courses in religion and related fields will be offered in the Duke University Summer Session of 1942. The undergraduate credits secured will count on the Bachelor of Arts degree. Graduate credits will count on the Bachelor of Divinity, Master of Arts, and Doctor of Philosophy degrees. These credits may, of course, be transferred to other colleges, universities, and theological schools in the same way that such transfer of credit is usually made.

CALENDAR AND REGISTRATION

The first term will open June 9 and close July 20. The second term will open July 21 and close August 31.

For the first term, Tuesday, June 9, is registration day. For the second term, Tuesday, July 21, is registration day.

FEES AND EXPENSES

Every student pays a registration fee of nineteen dollars for each term of six weeks and a recreation fee of one dollar. Tuition is four dollars for each semester hour. Ministers and theological students are exempt from tuition fees for as many as four terms of six weeks in the period of six years. After their fourth term they pay regular tuition charges.

ROOM AND BOARD

Most of the rooms in the dormitories are double rooms. The rent is \$12.50 per occupant for six weeks in the men's dormitories and \$13.50 per occupant in the women's dormitories. Single rooms are available at \$17.50 for the term of six weeks for men and \$18.50 for women. There is a special dormitory for married men who wish their wives to come with them, in which the rent for six weeks is \$30.00. There are, however, no accommodations whatever for children on the campus. Occupants of the University rooms furnish their own bed linen, blankets, pillows, and towels.

Occupants of the University dormitories by boarding in the regular dining room of the University receive a discount of \$1.00 from the regular charge of \$35.00 for board for six weeks. Students who do not wish to eat in the regular dining room may obtain more expensive service a la carte in the Union Coffee Shop.

ADVANCED DEGREES

The degree of Bachelor of Divinity is offered in the Divinity School.

The degrees offered in the Graduate School of Arts and Sciences are Master of Arts and Doctor of Philosophy.

Graduate study in religion leading to the degrees of Master of Arts and Doctor of Philosophy may be pursued in three fields: (1) Biblical Studies; (2) Studies in Church History; and (3) Studies in Christian Theology and Ethics.

Candidates for advanced degrees must be graduates of colleges of recognized standing.

Upon request the Director of the Summer Session or the Dean of the Divinity School will furnish bulletins containing detailed description of the academic requirements for the degrees of Bachelor of Divinity, Master of Arts, and Doctor of Philosophy.

CREDITS

Courses numbered from 100-199 are for college juniors and seniors. Courses numbered from 200-299 are for college seniors, students in the Divinity School, and graduate students; courses numbered from 300 up are for Divinity School and graduate students. The maximum credit for a term of six weeks is six semester hours.

RELIGIOUS SERVICES

University religious services are held each Sunday morning at eleven o'clock, to which all students are invited. In the summer of 1941 the student choir, a voluntary organization, enrolled over two hundred students. A series of organ recitals is also given Sunday afternoon and at other times each week in the University Chapel.

RECREATION AND ENTERTAINMENT

At the time of registration every student receives a season ticket to all recreation and lecture programs. In addition to admission to special lectures and other features of entertainment provided, this ticket entitles the student to use of the tennis courts and of the swimming pools, which are open an hour and a half daily for various groups of students; also to social events limited to students. There are also an evening play hour, sponsored by the Department of Physical Education, and a Sunday evening "sing" that has grown to be a tradition among the quadrangle students.

Mr. Anton Brees, Carillonneur of the Mountain Lake Singing Tower, Lake Wales, Florida, will give recitals on the fifty-bell carillon of the University at stated times twice a week during the Summer Session.

State clubs, organized by students from West Virginia, Pennsylvania, and Ohio southward to Florida and Mississippi, co-operate with the Social Director to provide wholesome recreational life for the students. The first Thursday evening of each term is set aside for the opening general assemblies of students and Faculty.

COURSES OF INSTRUCTION

(Note: In the description of courses the following abbreviations occur: *A* means that the course comes the first eighty-five minutes daily, beginning at 8:00; *B* means that the course comes at the eighty-five minute period beginning at 9:40; *C* means that the course comes at the eighty-five minute period, beginning at 11:20; *I* means that the course is offered the first term; *II* that it is offered the second term.)

RELIGION

S181. The Nature and Early Development of Religion.—Introduction to the early history of religion, the beliefs and practices of the more primitive peoples, and the religious life of the ancient world. A. I. 3 s.h.

MR. CANNON

S182. Living Religions of the World.—A survey of the religious systems of India, China, and Japan, followed by a study of Judaism, Mohammedanism, and Christianity, the object being to trace the historical development of each religion. B. I. 3 s.h.

MR. CANNON

S311. The Life and Teachings of Jesus.—A detailed study of the career and message of Jesus with special emphasis on his religious and ethical teachings. C. I. 3 s.h.

MR. BRANSCOMB

S312. New Testament Theology.—A study of the basic religious beliefs of early Christianity as these are expressed in the writings of the New Testament. A. I. 3 s.h.

MR. BRANSCOMB

S323. The Christian Conception of the Church.—A historical survey of the ways in which the Christian tradition has interpreted the idea of the church, followed by a critical analysis of the theological implications of such contemporary problems as church and state, church and culture, and the ecumenical movement. B. II. 3 s.h.

MR. OUTLER

S328. Current Theology.—A survey of the fields of current theology with special attention given to the most significant and influential movements of reconstruction and reaction in contemporary Christianity. C. II. 3 s.h.

MR. OUTLER

S331. The Social Message of the Christian Church.—A study of the social teachings of the Christian Church and its contributions to world society. B. I. 3 s.h.

MR. PETRY

S334. Mysticism and Devotion in Christian History.—A study of the renunciatory ideal and of spiritual practices in their relation to present problems. C. I. 3 s.h.

MR. PETRY

RELATED COURSES

Education 288. Problems of Mental Hygiene and Education.—B. I.

MR. ADAMS

Education 305. The Nature, Function, and Reorganization of the Curriculum.—A. I.

MR. CARR

Education 317. The Psychological Principles of Education.—B. I, II.

MR. BROWNELL

Sociology 205. Social Pathology.—A. I.	MR. JENSEN
Sociology 206. Criminology.—B. II.	MR. PORTERFIELD
Sociology 212. Child Welfare.—B. I.	MR. JENSEN
Sociology 219. Urban Sociology.—B. I.	MR. THOMPSON
Sociology 242. Marriage and the Family.—C. II.	MR. HART
Sociology 234. Social Ethics.—A. II.	MR. HART

Address application or requests for information to the DEAN OF THE DIVINITY SCHOOL, Duke University, Durham, North Carolina, or the DIRECTOR OF THE DUKE UNIVERSITY SUMMER SESSION, Duke University, Durham, North Carolina.

**CANDIDATES FOR THE DEGREE OF BACHELOR OF DIVINITY
JUNIOR CLASS**

Albright, William Edward A.B., Emory and Henry College, 1941.	Bluefield, W. Va.
Bame, Robert Lee A.B., Wofford College, 1941.	Carolina Beach, N. C.
Bell, Roy Edison A.B., Catawba College, 1941.	Spencer, N. C.
Boggs, Charles Marvin A.B., Wofford College, 1941.	Salisbury, N. C.
Byrum, Roy Delbert A.B., High Point College, 1941.	Charlotte, N. C.
Carlton, Arthur McCoy A.B., Birmingham-Southern College, 1941.	Montgomery, Ala.
Chaffin, James Claude A.B., Duke University, 1941.	Sanford, N. C.
Cummins, Paul Kinsey, Jr. A.B., Western Maryland College, 1941.	Washington, D. C.
Conyers, David Paxton A.B., Hendrix College, 1941.	Sidney, Ark.
DuBose, Robert Newsom A.B., Wofford College, 1936.	Florence, S. C.
England, Arthur Leamon A.B., University of Kansas City, 1941.	Livingston, Ala.
Evans, Robert Weldon A.B., Hendrix College, 1941.	Batesville, Ark.
Fleming, Murry Douglas A.B., Southern Methodist University, 1941.	Gainesville, Tex.
Ford, Jesse Emerson, Jr. A.B., Wofford College, 1941.	Orangeburg, S. C.
Gregory, Walter Bryan A.B., High Point College, 1942.	Angier, N. C.
Hendrix, Major Clyde A.B., University of South Carolina, 1941.	West Columbia, S. C.
Hornbuckle, James Pinkney, Jr. A.B., Lenoir-Rhyne College, 1941.	Stony Point, N. C.
John, Ralph Candler A.B., Berea College, 1941.	Parkersburg, W. Va.
Jones, George Wesley A.B., Randolph-Macon College, 1941.	Norfolk, Va.
Kennedy, Arthur Cicero, Jr. A.B., High Point College, 1941.	Winston-Salem, N. C.
Knight, James Allen A.B., Wofford College, 1941.	St. George, S. C.
Little, Brooks Bivens A.B., Duke University, 1941.	Durham, N. C.
McDonald, Thaddeus LeVerne B.S., Birmingham-Southern College, 1941.	Gadsden, Ala.
McGuire, Douglas Lyons A.B., Louisiana Polytechnic Institute, 1941.	Arcadia, La.

McLain, Robert Wayne A.B., Berea College, 1941.	Statesville, N. C.
Mitchell, Charles Maness A.B., Duke University, 1941.	Buies Creek, N. C.
Morgan, James Perry A.B., Wake Forest College, 1932.	Durham, N. C.
Musser, Benjamin Franklin A.B., Hendrix College, 1941.	Savannah, Ga.
Needham, George Harlan A.B., High Point College, 1941.	Charlotte, N. C.
Pannill, Harry Burnell A.B., Randolph-Macon College, 1941.	Waynesboro, Va.
Patterson, Howard Carlton A.B., University of North Carolina, 1941.	Burlington, N. C.
Phifer, Ernest Carl A.B., Stephen F. Austin State Teachers College, 1940.	Leona, Tex.
Pitts, Howard Stillwell A.B., Texas College of Mines, 1941.	El Paso, Tex.
Preston, Norman G., Jr. B.S., Louisiana State University, 1940.	Shreveport, La.
Register, Kenneth Davis A.B., Elon College, 1941.	Burlington, N. C.
Rock, William Alfred, Jr. A.B., Wofford College, 1941.	Lewisville, N. C.
Royals, Worth Burton A.B., High Point College, 1941.	Trinity, N. C.
Sodeman, Lowell Frazier B.S., Wake Forest College, 1939.	Durham, N. C.
Stevenson, Linwood Jennings A.B., Emory and Henry College, 1941.	Tappahannock, Va.
Vereen, LaFon Carpenter B.S., Clemson College, 1941.	Latta, S. C.
Wagoner, Rupert Gilmer A.B., High Point College, 1939.	Brown's Summit, N. C.
Ware, Lee Wilson A.B., Hendrix College, 1942.	Springdale, Ark.

MIDDLE CLASS

Beard, John S. A.B., Central College, 1940.	Clayton, Mo.
Benson, Clark William A.B., Wofford College, 1940.	Salisbury, N. C.
Brown, Byron Roy A.B., Morningside College, 1940.	Sioux City, Iowa
Cagle, John Frank A.B., High Point College, 1940.	Eldorado, N. C.
Carroll, Howard Raymond A.B., University of Richmond, 1938.	Easton, Md.
Carter, James Edwin B.S., Appalachian State Teachers College, 1940.	Danville, Va.
Caviness, Woodrow Darlington A.B., Wofford College, 1940.	Siler City, N. C.

- Cole, George Davis
A.B., Duke University, 1940. Newport News, Va.
- Cooper, Joel Aubrey
A.B., Hendrix College, 1940. Paragould, Ark.
- Cravens, Byron Clay
A.B., Hendrix College, 1940. Marianna, Ark.
- Crutchfield, Gilbert Wesley
A.B., Asbury College, 1940. Sanford, N. C.
- Culbreth, George Bernice
A.B., Duke University, 1940. Chapel Hill, N. C.
- Dollar, Melvin
A.B., Elon College, 1939. Malone, Ala.
- Edwards, William Alpheus
A.B., Randolph-Macon College, 1940. Courtland, Va.
- Francisco, Ross
A.B., Emory and Henry College, 1940. Bluefield, W. Va.
- Hilbert, John Cassell
A.B., Dickinson College, 1940. Catonsville, Md.
- Ingram, Osmond Kelly
A.B., Birmingham-Southern College, 1940. Birmingham, Ala.
- Jordan, John Sharpe
A.B., Duke University, 1940. Mount Airy, N. C.
- Judy, Carl Wesley
A.B., Morris Harvey College, 1940. Charleston, W. Va.
- Kesler, Robert Harris
A.B., Randolph-Macon College, 1940. Roanoke, Va.
- McCoy, Lewistine Martin
A.B., Kentucky Wesleyan College, 1940. Lexington, Ky.
- Mackay, Donald Mason
A.B., Emory University, 1938. Atlanta, Ga.
- McKenry, John Archibald, Jr.
A.B., Fairmont State Teachers College, 1940. Lynchburg, Va.
- Major, James Edward
A.B., Hendrix College, 1940. Little Rock, Ark.
- Maxwell, Asmond Leonard
A.B., Emory University, 1940. Elberton, Ga.
- Medlin, William Tracy, Jr.
A.B., Wofford College, 1940. Raleigh, N. C.
- Mercer, Charles Henry
A.B., Wofford College, 1940. Lumberton, N. C.
- Merchant, James William
A.B., Randolph-Macon College, 1940. Kearneysville, W. Va.
- Miller, Gilbert Shelly
A.B., Lenoir-Rhyne College, 1940. Statesville, N. C.
- Rainwater, Roland William, Jr.
A.B., Wofford College, 1940. Roberdell, N. C.
- Reed, Ralph Lee
A.B., Emory University, 1940. Monroe, N. C.
- Rice, John Edward
B.S., Florida Southern College, 1940. Fort Smith, Ark.
- Ruckman, Lee Van, Jr.
A.B., Emory and Henry College, 1940. Lexington, Va.

Sharpe, Charles Cleveland, Jr. A.B., High Point College, 1940.	Greensboro, N. C.
Steele, Chester Raymond A.B., Centenary College, 1940.	Huntington, Tex.
Stubbs, David Leon, Jr. A.B., Duke University, 1940.	Aurora, N. C.
Sturtevant, William Lyons A.B., Randolph-Macon College, 1939.	Portsmouth, Va.
Thumm, Milford Vernon A.B., Morris Harvey College, 1940.	Charleston, W. Va.
Wellons, Albert Wilson A.B., Lenoir-Rhyne College, 1940.	Wilkesboro, N. C.
Wheeler, Kermit R. A.B., Atlantic Christian College, 1939.	Rougemont, N. C.
Whitesel, John Asbury A.B., Randolph-Macon College, 1940.	Washington, D. C.

SENIOR CLASS

Andrews, Joseph Russell A.B., Wofford College, 1939.	Nurton, N. C.
Barclift, Chancie DeShield A.B., Duke University, 1927.	Wilmington, N. C.
Boone, Sidney Grant A.B., Duke University, 1934.	Cofield, N. C.
Caldwell, Joseph Edmund A.B., Lenoir-Rhyne College, 1939.	Hickory, N. C.
Carruth, Paul B.S., Millsaps College, 1939.	McComb, Miss.
Chadwick, Ishmael Howard A.B., Moravian College, 1939.	Winston-Salem, N. C.
Cooke, Ross Alton A.B., Birmingham-Southern College, 1938.	Birmingham, Ala.
Culp, William B. A. A.B., American University, 1939.	Gold Hill, N. C.
Davis, William Dixon A.B., University of South Carolina, 1939.	Mullins, S. C.
Freeman, William Lawrence A.B., Asbury College, 1937.	Greensboro, N. C.
Glenn, Henry Clarence, III A.B., Duke University, 1938.	Eufaula, Ala.
Grisham, Roy Arnold A.B., Millsaps College, 1928.	Grenada, Miss.
Holder, Ray A.B., University of Mississippi, 1935; M.A., University of Mississippi, 1936.	Lucedale, Miss.
Lindsey, Jordan Allen, Jr. A.B., Millsaps College, 1933.	Pelahatchie, Miss.
Lyu, Kingsley Kyungsang A.B., Chosen Christian College, 1929; B.S., Syracuse University, 1938; M.A., Syracuse University, 1939.	Seoul, Korea
Meacham, Benjamin Franklin A.B., Duke University, 1936.	Roberdell, N. C.

Mooney, Robert Cleveland, Jr. A.B., Birmingham-Southern College, 1939.	Wilsonville, Ala.
Moorman, Julian Pierce, Jr. A.B., Emory and Henry College, 1939.	Bristol, Va.
Overton, Ernest Golden A.B., Duke University, 1925.	Fayetteville, N. C.
Patten, Brooks A.B., University of North Carolina, 1939.	Louisburg, N. C.
Powell, John James A.B., Lenoir-Rhyne College, 1939.	Mooresville, N. C.
Queen, Vergil Erwin A.B., Catawba College, 1937.	Carrboro, N. C.
Rogers, James Edwin A.B., Atlantic Christian College, 1939.	Raleigh, N. C.
Scott, LeRoy Alexander A.B., Duke University, 1939.	Kannapolis, N. C.
Shackford, Joseph Temple A.B., Duke University, 1934.	Winston-Salem, N. C.
Shannon, Charles Eugene A.B., Duke University, 1939.	Monroe, N. C.
Simpson, Harold Ross A.B., Catawba College, 1937.	Durham, N. C.
Stone, Joseph Lesley A.B., William and Mary College, 1939.	Callaway, Va.
Strickland, Thomas Edward A.B., High Point College, 1939.	High Point, N. C.
Tyte, Wilbur Henry A.B., University of Texas, 1933; A.M., University of Texas, 1939.	San Antonio, Tex.
Vaughan, Robert Akers A.B., Centenary College, 1937.	San Antonio, Tex.
Warren, Millard Whitefield A.B., Duke University, 1931.	Fayetteville, N. C.
Wilkinson, Howard Charles A.B., Southwestern University, 1939.	Katy, Tex.

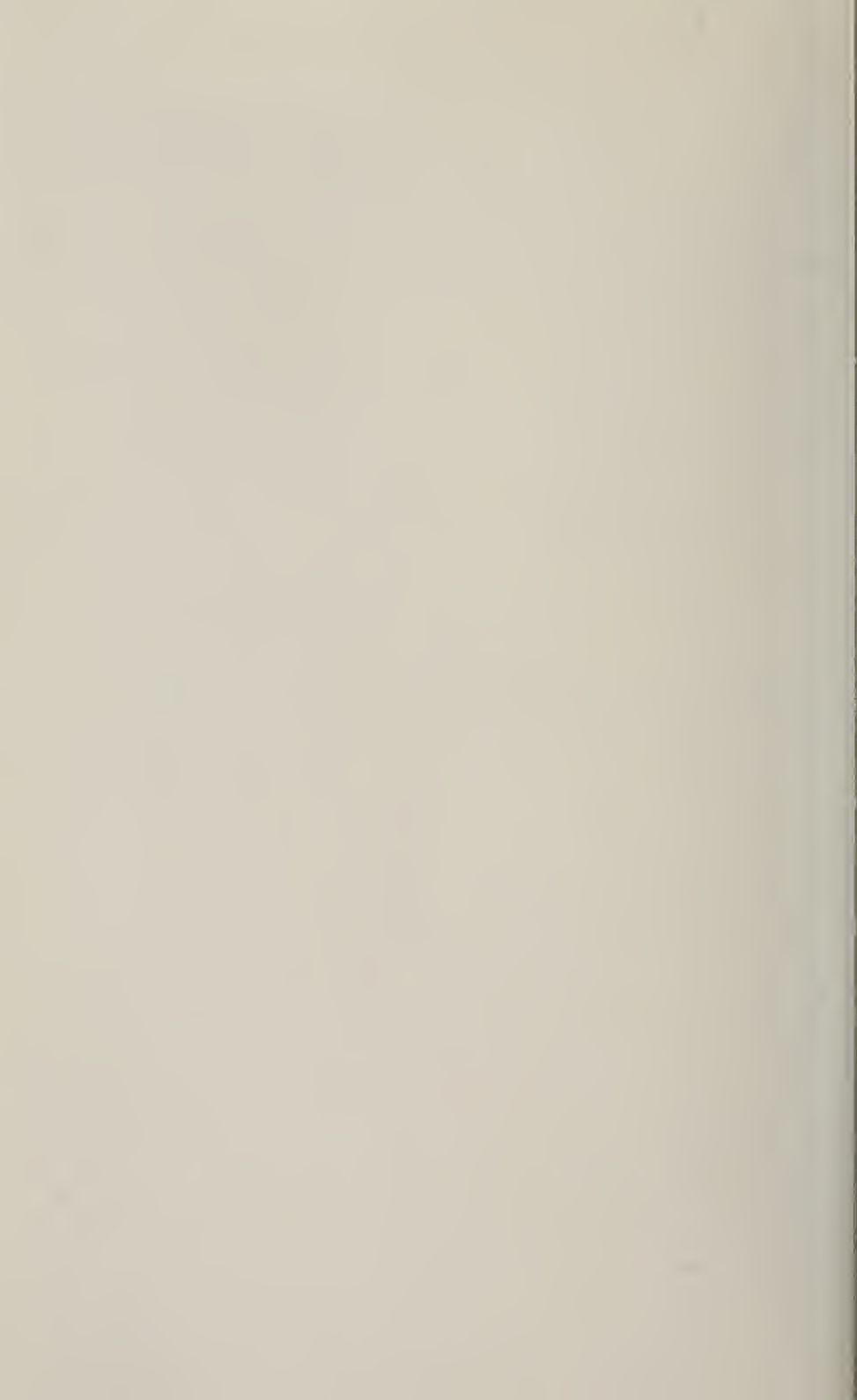
**CANDIDATES FOR THE DEGREES OF MASTER OF ARTS AND
DOCTOR OF PHILOSOPHY IN THE FIELD OF RELIGION**

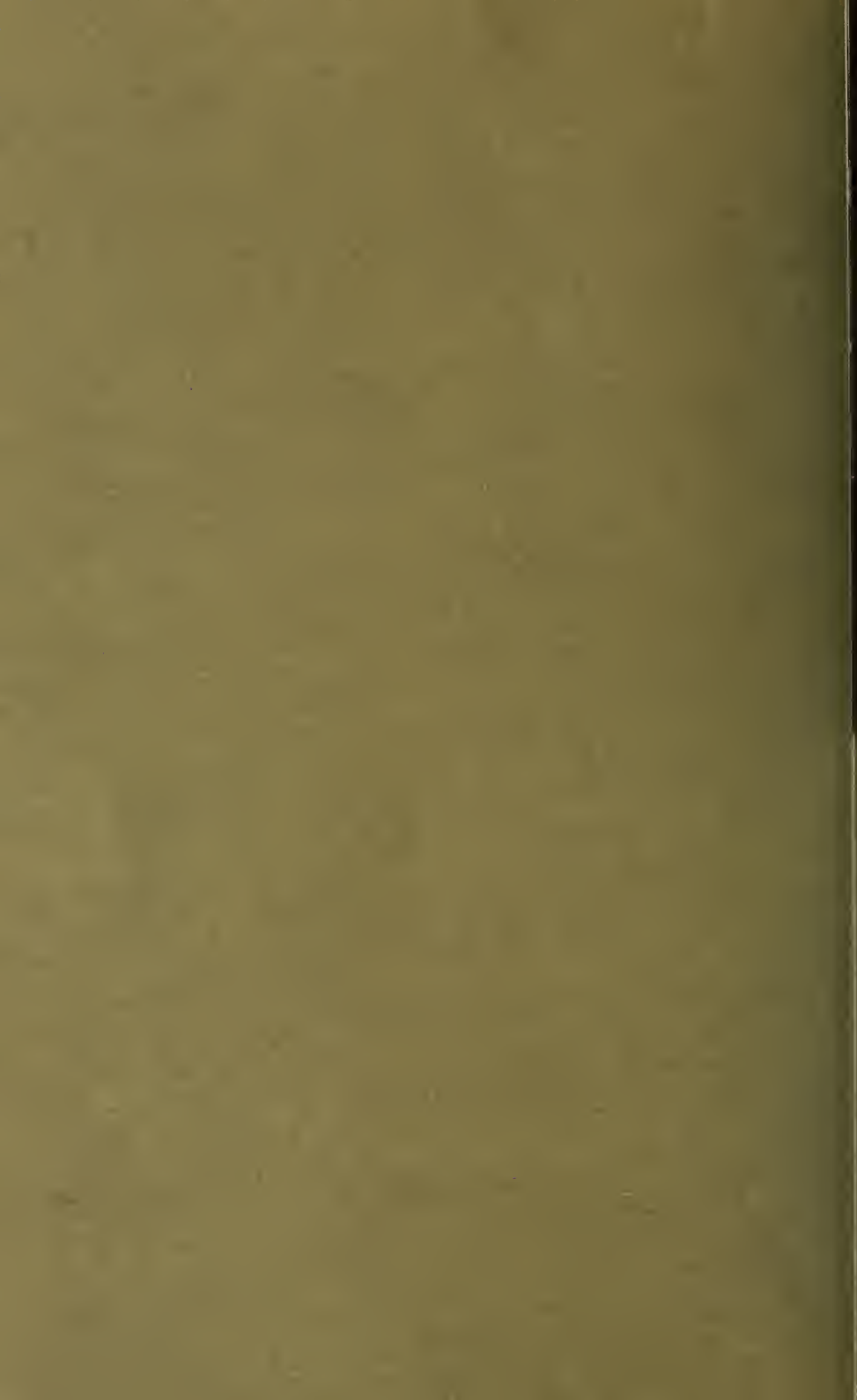
Babcock, Farrar Jeanne A.B., Duke University, 1940.	Elk City, Okla.
Bennett, John Boyce A.B., Wofford College, 1933; B.D., Duke University, 1936.	Durham, N. C.
Christy, Wayne Herron A.B., Westminster College, 1938; Th.B., Pittsburgh-Xenia Theological Seminary, 1941.	Pittsburgh, Pa.
Coble, Joseph Fillmore A.B., High Point College, 1934; S.T.B., Westminster Theological Seminary, 1937.	Burlington, N. C.
Dillinger, George Edward B.S., Ursinus College, 1930; B.D., Central Theological Seminary, 1933.	Burlington, N. C.
DuBose, Samuel Wilds A.B., Davidson College, 1931; B.D., Union Theological Seminary, 1935.	Hillsboro, N. C.

Jones, Jameson Miller A.B., Southwestern University, 1936; B.D., Louisville Presbyterian Theological Seminary, 1939.	Corinth, Miss.
LeBaron, Earle Robert A.B., Mt. St. Mary's College, 1921; A.M., Mt. St. Mary's College, 1923.	Oak Ridge, N. C.
Martz, Edward Everts A.B., Duke University, 1940.	Pine Grove Mills, Pa.
Neel, Samuel Regester, Jr. A.B., Emory and Henry College, 1935.	Cumberland, Md.
Queen, Vergil Erwin A.B., Catawba College, 1937.	Carrboro, N. C.
Ramsey, Charles M. A.B., Berea College, 1938; B.D., Union Theological Seminary, 1941.	Gallatin, Tenn.
Sandmel, Samuel A.B., Missouri University, 1932; Rabbi, Hebrew Union College, 1937.	Chapel Hill, N. C.
Saunders, Ernest William B.S. in R.E., Boston University, 1938; S.T.B., Boston University, 1940.	Berkeley, R. I.
Waggoner, Brooks M. A.B., University of Arkansas, 1938; B.D., Duke University, 1941.	Stilwell, Okla.

STUDENTS IN THE JUNALUSKA SCHOOL OF RELIGION

Ford, J. Emerson, Jr. A.B., Wofford College, 1941.	Marion, S. C.
Freeman, Eleanor Nicholson A.B., Florida State College for Women, 1923.	Havana, Fla.
Frost, J. Thomas A.B., Asbury College, 1931.	Yorktown, Ind.
Gatlin, Grimes Weldon A.B., Oklahoma City University, 1937.	Fort Worth, Tex.
Glasson, Elizabeth Pleming A.B., Asbury College, 1934.	LaFayette, La.
Glenn, Earle Edwin A.B., Newberry College, 1923.	Pelzer, S. C.
Grisham, Roy Arnold A.B., Millsaps College, 1928.	Grenada, Miss.
Hammett, Horace Greeley A.B., Furman University, 1926.	Waynesville, N. C.
Hart, Herbert D. A.B., Emory and Henry College, 1921.	Elizabethton, Tenn.
Johnson, Roscoe Chesterman A.B., Randolph-Macon College, 1925.	Roanoke, Va.
LeBaron, Earle Robert A.B., Mt. St. Mary's College, 1925.	Oak Ridge, N. C.
Lewis, Anna Mae A.B., Carson Newman College, 1926.	Sevierville, Tenn.
Livermore, Mary Hoyland A.B., Flora MacDonald College, 1905.	Pembroke, N. C.
Long, Louise A.B., Huntingdon College, 1929.	Montgomery, Ala.







Announcement 1942-1943

BULLETIN OF
DUKE UNIVERSITY

THE U. S. NAVAL RESERVE
OFFICERS' TRAINING CORPS

DURHAM, NORTH CAROLINA

THE NAVAL R. O. T. C.

The primary purpose of the Naval R.O.T.C. is to procure and train officers for the Naval Reserve who are qualified in all respects for active service. All students who successfully pass the four-year course and are physically qualified are commissioned as Ensigns in the Naval Reserve. R.O.T.C. graduates, subject to the law in each case, may be commissioned in the regular Navy in any of the following categories:

- (a) As officers in the regular Naval service.
- (b) As officers in the Supply Corps of the regular Navy.
- (c) As officers in the Marine Corps Reserve.
- (d) During the R.O.T.C. course, may be nominated for competitive examination for appointment to the U. S. Naval Academy.

DURHAM, NORTH CAROLINA

VOLUME 14

MARCH, 1942

NUMBER 7-A

Published by Duke University monthly except in July, August, September, and December. Entered as second-class matter March 25, 1929, at the Post Office of Durham, North Carolina, under the Act of August 24, 1912.



THE NAVAL R. O. T. C. UNIT OF DUKE UNIVERSITY

ANNOUNCEMENT

Duke University is one of the eight institutions selected by the Navy Department in 1941 for the location of a unit of the Naval Reserve Officers' Training Corps. By authority of the President and the Secretary of the Navy, in agreement with the Trustees, the Duke University unit was established and began operation with the opening of the scholastic year 1941-42.

The Naval Reserve Officers' Training Corps is composed of all Naval training units now operating in 27 universities. Six units were established in 1926 at Harvard, Yale, Georgia School of Technology, Northwestern, California, and Washington. Later others were begun at the University of California at Los Angeles, Tulane, and Minnesota. More recently additional units have been established as follows: Brown, Colorado, Holy Cross, Marquette, Michigan, New Mexico, North Carolina, Oklahoma, Notre Dame, Pennsylvania, Rensselaer, Rice, Southern California, South Carolina, Texas, Tufts, Virginia, and Duke. The enrollment in the Naval Reserve Officers' Training Corps is limited by law to 7,200 students which number is distributed by quota between the 27 universities mentioned above. The unit in the University is known as the Department of Naval Science and Tactics and is an integral part of the University.

PURPOSE

The primary object of the Naval Reserve Officers' Training Corps is to provide systematic instruction and training in essential Naval subjects

for a group of selected students so that they may be qualified and available for duties as deck officers in the United States Navy. The work supplements other courses taken in the University so that graduates commissioned as Reserve Ensigns or Second Lieutenants will possess:

1. A good general education.
2. Sufficient knowledge of such naval subjects as seamanship, navigation, ordnance, military and international law, engineering, strategy and tactics, communications and theoretical aviation, to be qualified to perform duties as a junior officer of the Naval Reserve.
3. A well-disciplined mind and body together with leadership in organization.
4. A knowledge of the value of naval ideals, customs and traditions.

ADMISSION

Enrollment in the Naval Reserve Officers' Training Corps is entirely voluntary. Application for enrollment may be made in advance. Enrollments are limited to freshmen. Applicants must be unmarried, citizens of the United States, not less than fourteen nor more than twenty-four years of age. They must pass a physical examination given by medical officers of the United States Navy. All applicants must agree to be immunized from typhoid fever and smallpox, unless a satisfactory certificate of immunity from these diseases is furnished.

The study of navigation and other subjects included as a part of the course requires a basic knowledge of mathematics, including algebra, plane and solid geometry and plane trigonometry. Freshman mathematics will fulfill this requirement.

SELECTION

During Freshman Week, a board of naval officers attached to the Unit selects students for the course from the candidates who are found by examinations to be physically qualified. Each applicant is interviewed and examined personally and his previous record carefully studied. In its selection the board will be governed by the following:

1. Qualities of leadership as indicated by high school and other activities.
2. Physical fitness.
3. Mental alertness as shown by academic record in secondary school, with particular stress being placed upon aptitude for mathematics.
4. Reasonable assurance of remaining at the University for four years in order to complete both the basic and the advanced courses, as well as work for a degree in the University.
5. Interference of other duties arising both out of extracurricular activities and part-time employment, as well as other scholastic work. Students who intend to take a Medical or a Theological Degree are not eligible for enrollment.



OUTLINE OF COURSE

The course in Naval Science and Tactics is a four-year course and runs continuously. Each semester's work is a prerequisite for the following semester's work. The course is technical to the extent that it makes available to the student a sufficient knowledge of Naval subjects, which combined with a background of Naval experience, tradition and custom acquired both in his academic work and in his practical cruise at sea, will qualify him upon graduation to serve as an Ensign in the Naval Reserve. The four-year course is divided into the Basic course and the Advanced course. The Basic course comprises the work of the first two years. The Advanced course comprises the work of the final two years and is normally open only to juniors who have completed the Basic course.

The course consists of three hours of class work each week and two hours of drill, lecture, or laboratory per week. Included in the course are the subjects of navigation and nautical astronomy, Naval history, ord-

nance and gunnery, international and Naval law, strategy and tactics, and Naval engineering.

Each summer, unless some emergency interferes, Naval Reserve Officers' Training Corps students are permitted to make a cruise of three or four weeks on ships of the United States Navy without expense to the student, except for personal spending money. The Advanced course cruise made by students at the end of their junior year is a requirement for a commission. The students receive pay for this part of their shipboard training.

UNIFORMS, BOOKS AND EQUIPMENT

Students in the course are furnished complete uniforms by the Navy Department. However, students provide for themselves such items as collars, white shirts, black socks, and black shoes. The uniforms are the same as those worn by midshipmen at the United States Naval Academy, except for the distinctive corps device worn on the sleeve and cap. Uniforms are required to be worn only at the weekly drill or such other times as may be designated by the Professor of Naval Science and Tactics. All books and equipment that the student needs in the course are lent to him without cost.

SUBSISTENCE ALLOWANCE

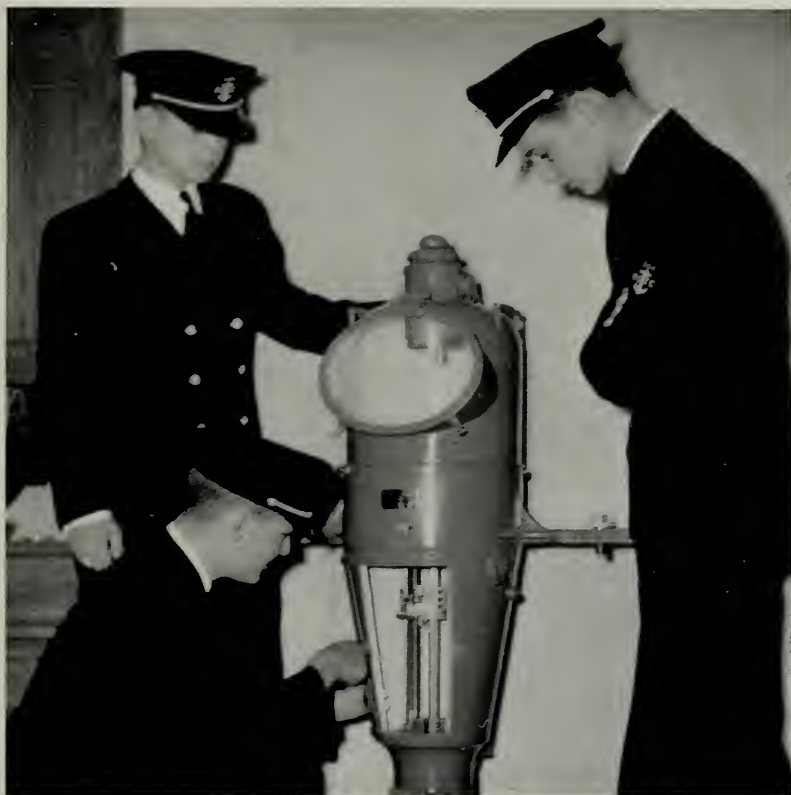
Advanced course students are paid an allowance for subsistence from the time they are enrolled in the Advanced course. In addition, students are allowed the Navy Seventh Grade pay while on the Advanced course practice cruise. These allowances vary from year to year, but ordinarily amount to approximately \$190 during the two years comprising the Advanced course.

STAFF

The Department of Naval Science and Tactics is an integral part of the University and the courses in Naval science and Tactics are on the same level and receive the same form of credit toward graduation as other courses in the University. The staff consists of officers, all of whom are graduates of the United States Naval Academy at Annapolis, assisted by Chief Petty Officers. All have had many years of active Naval experience and are especially selected for this duty.

OBLIGATIONS AFTER GRADUATION

Satisfactory completion of the four years of training and the required cruise during the Advanced course will qualify the student for a commission as Ensign in the Naval Reserve or as a Second Lieutenant in the United States Marine Corps Reserve, provided he applies for the commission, obtains a degree from Duke University, is recommended for and passes the prescribed physical examination.



DRAFT STATUS

Under the existing laws, students regularly enrolled in the Advanced N.R.O.T.C. Course are not subject to the Selective Service and Training Act.

Members of the Basic Course may, at their own request, be enlisted as Apprentice Seamen Class V-I in the U. S. Naval Reserve. Such students will be deferred as long as they remain members of the N.R.O.T.C. Unit. Should they, for any reason, be disenrolled from the Unit, they will, if they so desire, be mustered out of the Naval Reserve and revert to a civilian status.

SPECIAL OPPORTUNITIES

Each year three members of the Unit may be selected by the President of the University to take examination for appointment to the United States Naval Academy. Twenty such appointments are available and

students are in competition with those of other universities where Naval Reserve Officers' Training Corps units are located.

A limited number of graduates may be nominated for commissions in the Supply Corps of the United States Navy and in the United States Marine Corps Reserve.

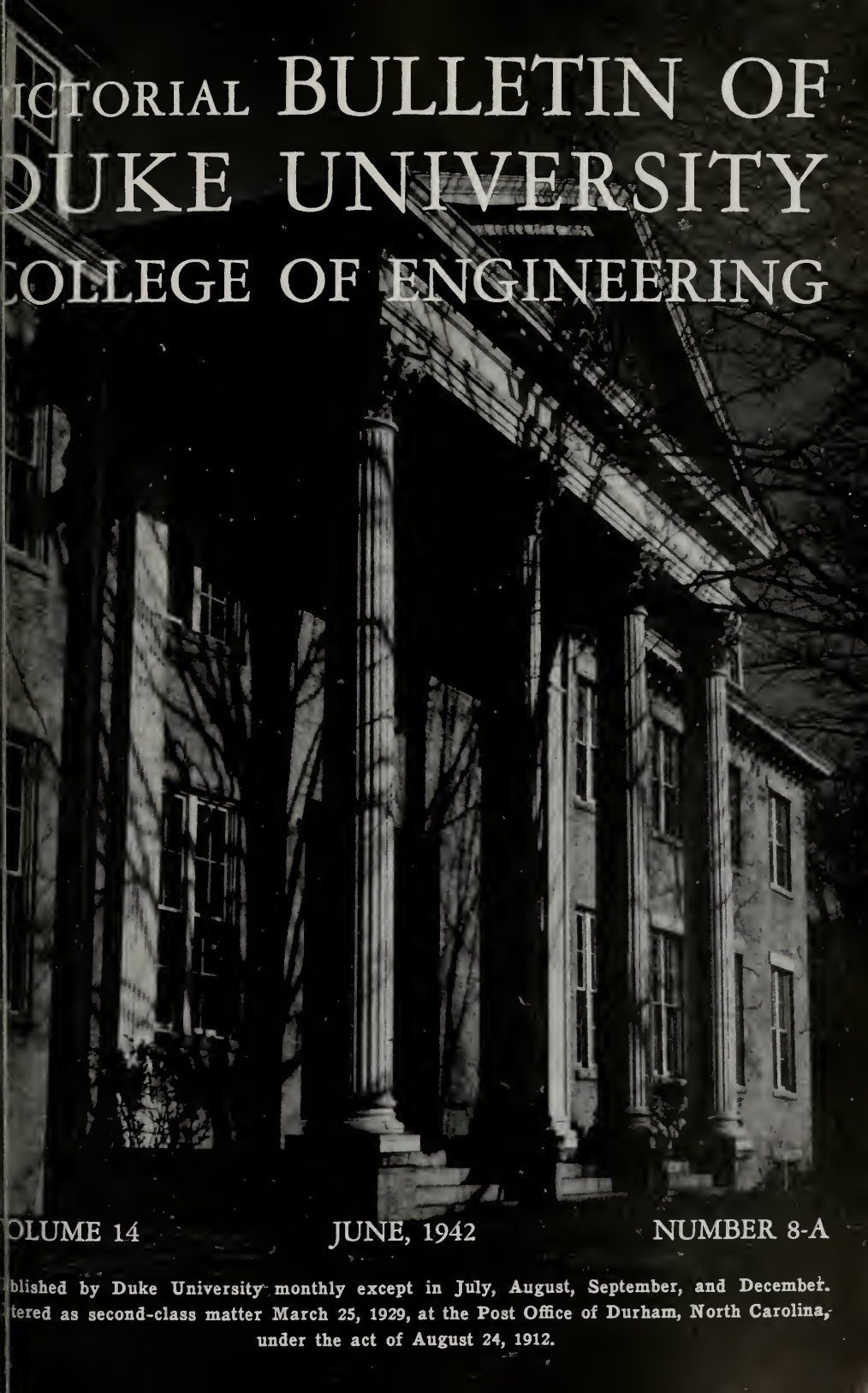
Graduates, after one year at sea as Ensigns in the Naval Reserve, are eligible for a commission in the line of the regular Navy, provided they are recommended by their commanding officers and pass the prescribed physical and mental examinations.

The training provides an excellent background for those who may desire to secure employment in the Merchant Marine, and students who have successfully passed the course should find it comparatively easy to pass the examinations for papers as Third Mate.

APPLICATION

Students are required to make application on regular forms which will be mailed on request. Applications are received at any time during the summer for the academic year beginning in September. No final acceptances are made, however, until after the student has reported in the fall, and the physical examination and personal interview have been completed. Forms to be used in making application and further information concerning the Unit may be obtained by writing directly to:

PROFESSOR OF NAVAL SCIENCE AND TACTICS
DUKE UNIVERSITY
DURHAM, NORTH CAROLINA



VICTORIAL BULLETIN OF
DUKE UNIVERSITY
COLLEGE OF ENGINEERING

VOLUME 14

JUNE, 1942

NUMBER 8-A

Published by Duke University monthly except in July, August, September, and December.
Entered as second-class matter March 25, 1929, at the Post Office of Durham, North Carolina,
under the act of August 24, 1912.

DUKE UNIVERSITY COLLEGE OF ENGINEERING

The College of Engineering of Duke University offers complete undergraduate instruction in civil, electrical, and mechanical engineering; including an aeronautics option in mechanical engineering.



Southgate Dormitory shown above houses of the engineering students. It is located on East Campus in close proximity to the other engineering buildings. This dormitory has a large dining hall, serving student meals; a gymnasium; well-appointed lounge; reading and recreation rooms; and a photographic darkroom. Such facilities have developed an unusually fine dormitory spirit.



Frequent Consultations with the Dean of the College of Engineering, as well as with all staff members, are made possible by the limited enrollment in engineering. While enjoying the solidarity of a small group, the engineering student body also participates in activities and advantages associated with a large University.

The Engineering Library is an integral part of the Duke University Library although located at the Engineering College for convenience. Thousands of books and periodicals permit thorough and effective reading and study.



All of the engineering curricula at Duke University are fully accredited by agencies including the Engineers Council for Professional Development. The courses of study conform closely to the accepted standards of engineering education.

The courses of the Freshman year are identical for all engineering students and provide fundamental training basic to other subjects leading to professional work. All Freshmen receive instruction in engineering drawing in the large, well-lighted drawing room shown below. Immediately following the Freshman year all engineering students participate in a three-weeks summer course in Field Surveying giving field practice in the use of transit, stadia, compass, and plane table.

These regular courses of the first year constitute an important part of the full program, and in addition enable engineering students to secure and benefit from summer employment in engineering work. Moreover, these and similar courses are of immediate value to students planning to serve the nation in the military and naval branches.





CAN ENGINEERS
PARTICIPATE
IN SPORTS

Here is a member of Duke's Bowl Team finishing the design drawings for a reinforced concrete arch in the Department of Civil Engineering.

The Civil Engineer

His Function

Design and Construction

His Field

Sanitary

Water Supply
Disposal of Waste

Hydraulic

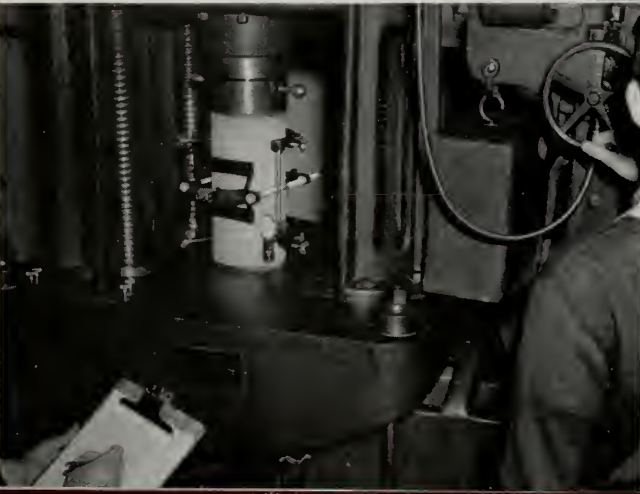
Flood Control
River Improvement
Water Power

Transportation

Airports—Highways
Traffic Control
Railroads

Structural

Bridges
Buildings
Foundations
Dams



STEEL IN CONSTRUCTION
MUST PASS RIGOROUS TESTS

The Impact Test shown above is being performed under the direction of the Department of Civil Engineering.

A precise determination of axial and lateral deformations of a concrete cylinder is shown at the left.



THE STUDENT ABOVE IS CHECKING THE DESIGN OF A PLATE GIRDER BRIDGE.

Civil Engineering

THE CIVIL ENGINEER IN THE ARMY

“Civil Engineers are the key men. . . . The backbone of the Construction Branch of the Corps of Engineers is the body of Civil Engineers. . . .”

Referring to combat units—“These units are officered to a large extent by Civil Engineers. . . .”

EUGENE REYBOLD, Chief Engineer, U. S. Army
(*Civil Engineering*, March 1942)

THE CIVIL ENGINEER IN THE NAVY

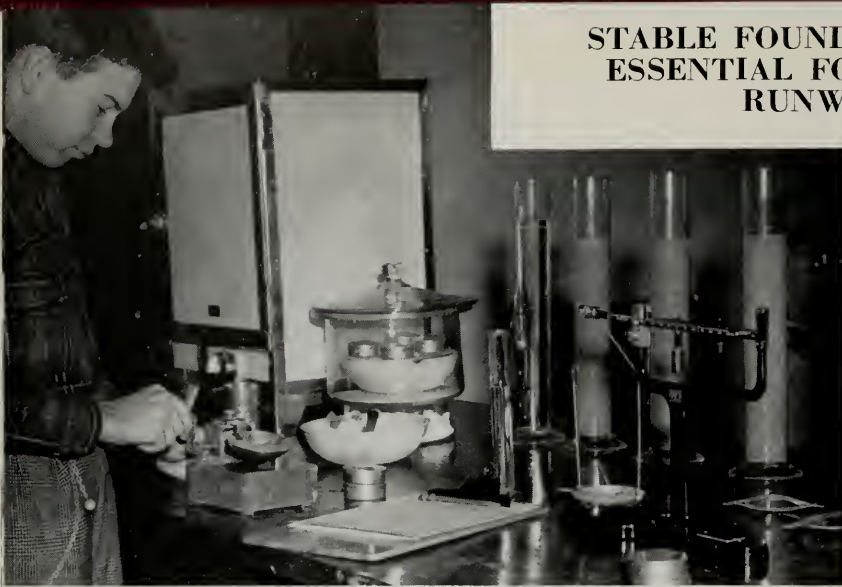
“The Corps of Civil Engineers (U. S. Navy) is a commissioned staff corps and all its commissioned officers hold a degree in civil engineering from recognized colleges and universities. . . . It is our mission to provide facilities needed to maintain the forces afloat. . . . This we have successfully accomplished in the past: this we will continue to do in the future. We consider this accomplishment a matter of justifiable pride to the civil engineering profession. . . .”

J. J. MANNING, Capt. (C. E. C.), U. S. Navy
(*Civil Engineering*, February 1942)

Using a Sextant. Navigation officers are necessary for duty on sea and in the air. The Civil Engineering Department offers elementary and advanced courses in Navigation.



STABLE FOUNDATIONS ARE ESSENTIAL FOR AIRPORT RUNWAYS

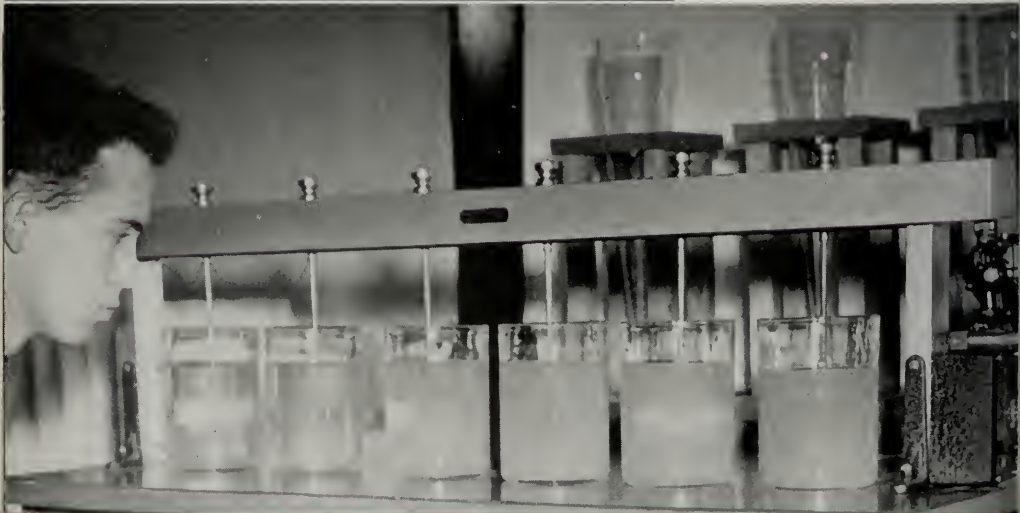


The soil classification test as shown at the left is representative of such tests conducted in this field by the Department of Engineering.



The Civil Engineering Department trains men in the field of *Sanitary and Water Supply Engineering*.

Students are shown in the department's laboratory.




Electrical Engineering

The field of *Electrical Engineering* covers the generation, transmission, distribution and utilization of electrical energy; steam and hydro-electric generating stations; transmission systems; distribution circuits; communication by wire, radio and television; transportation on land, sea and air; illumination and manufacturing applications.

The electrical engineer deals with the smallest amounts of power as in electronic studies with vacuum tubes, as well as with immense concentrations of power as in power plants.

Prospective students in electrical engineering planning to prepare for this profession should acquire a thorough grounding in mathematics and the natural sciences, particularly physics.

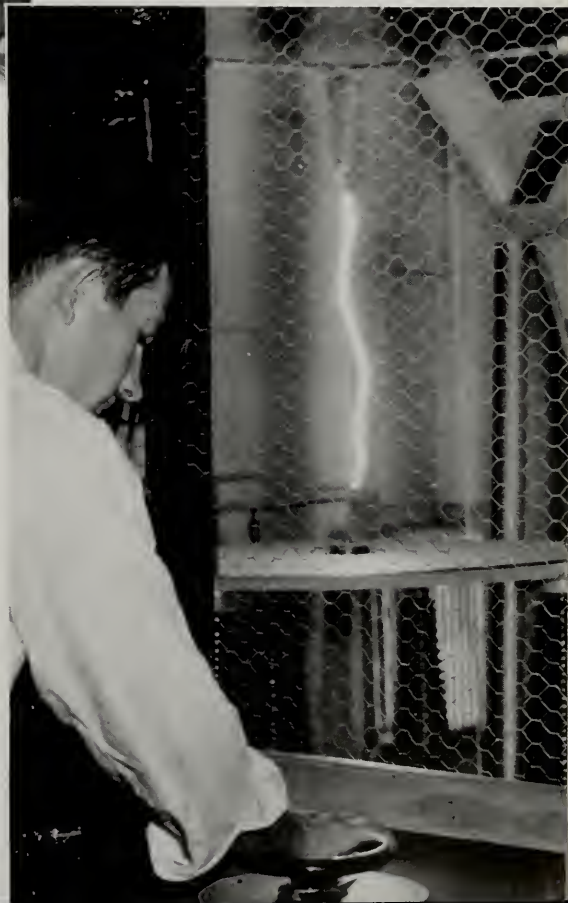
To a great degree the study of electrical engineering is analytical, mathematical, and capable of development by logical processes of reasoning from basic principles.



The first two years of the regular four-year program of studies in electrical engineering are concerned primarily with basic training in mathematics, physical sciences and introductory engineering courses. The final two years are devoted mainly to concentrated work in electrical engineering.

The final years also offer opportunity for students to undertake individual laboratory work by selecting a project along the lines of their particular interest.

As an example of such a project, the student shown at the right is operating the 500,000-volt lightning generator designed and constructed at Duke University. The operator is protected from the terrific lightning bolt by a grounded wire cage.

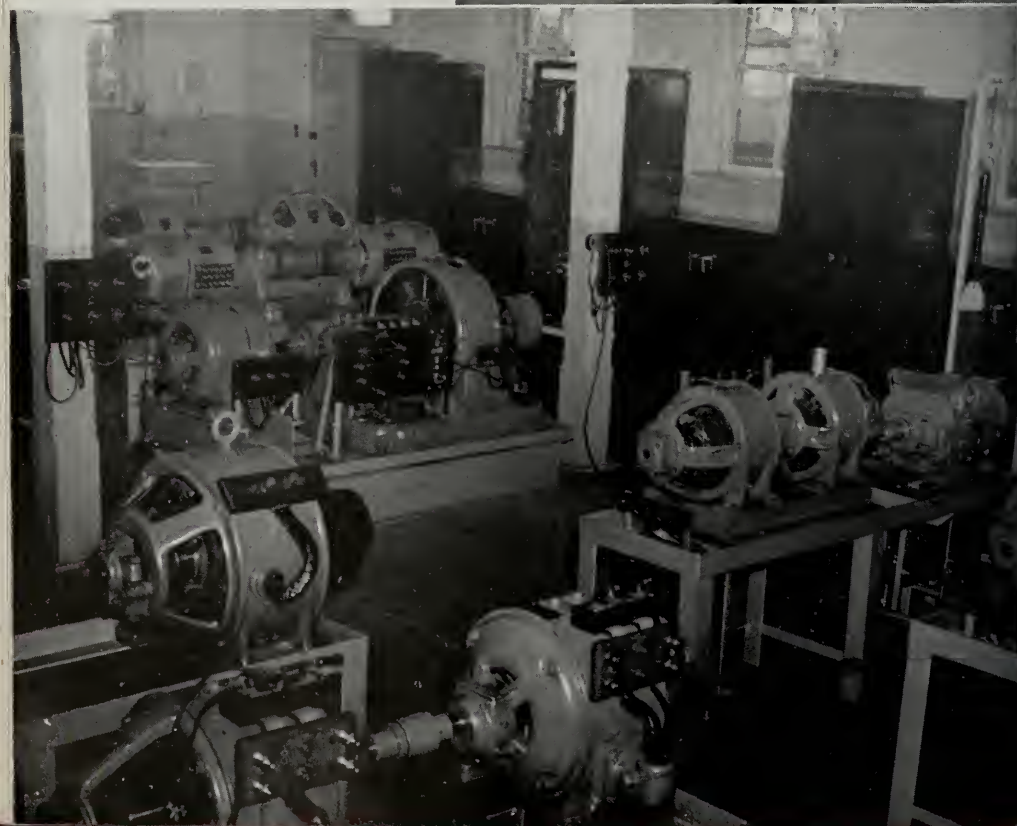




Students are shown above performing a typical experiment in electrical machinery to verify the theory developed in the classroom.

Tests on electrical meters and instruments are a part of the regular work in the Circuits Laboratory. Junior students shown to the right are calibrating a standard residence-type watt-hour meter.

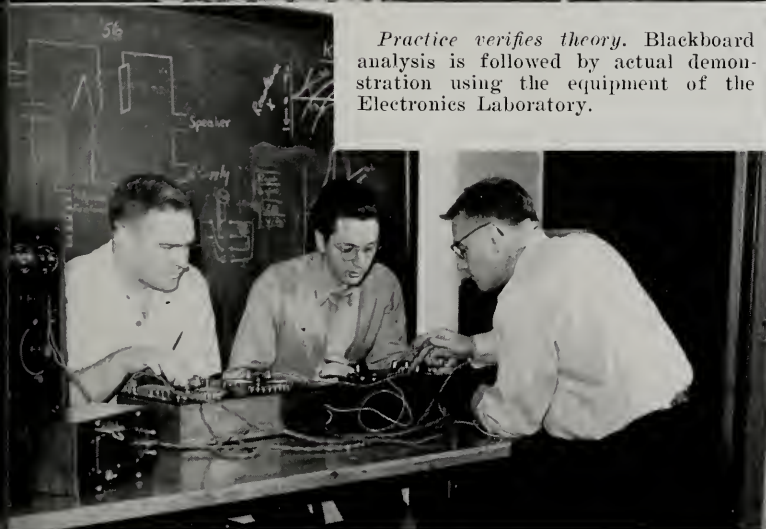
Below is shown a part of the Electrical Machinery Laboratory where students receive practical training with electrical machines through demonstrations and tests of their operating characteristics.



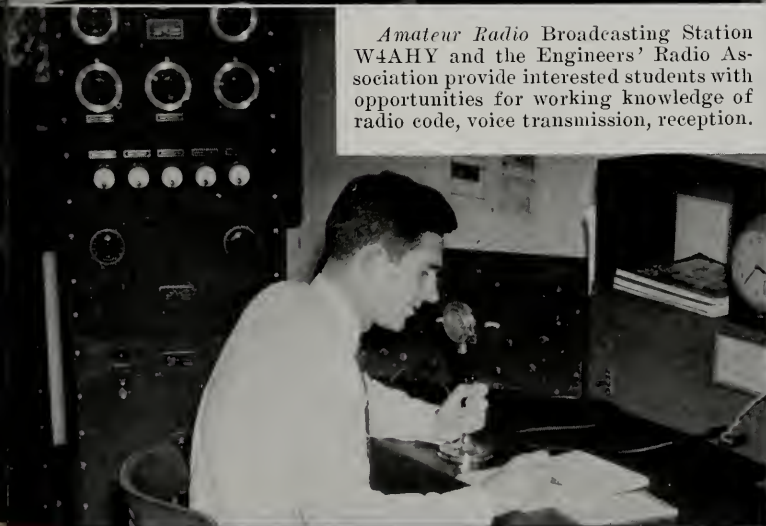
Audio-frequency measurements using the impedance bridge shown are representative of the experiments performed in the Communications Laboratory.



Practice verifies theory. Blackboard analysis is followed by actual demonstration using the equipment of the Electronics Laboratory.



Amateur Radio Broadcasting Station W4AHY and the Engineers' Radio Association provide interested students with opportunities for working knowledge of radio code, voice transmission, reception.



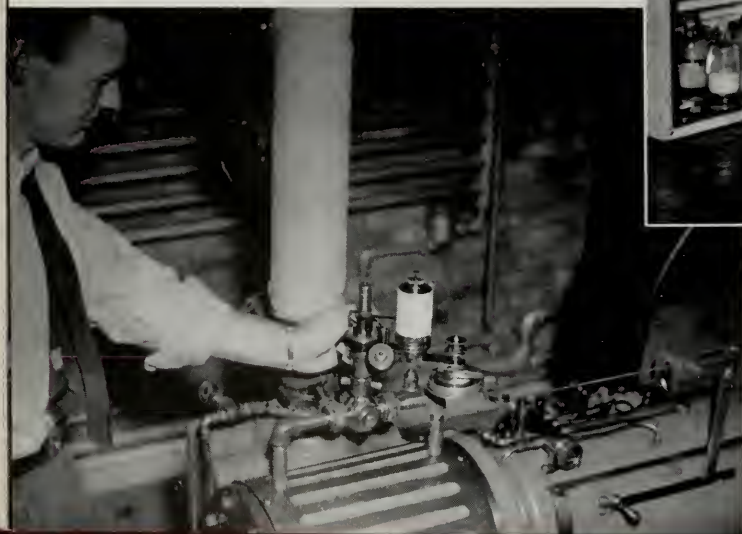
Mechanical Engineering

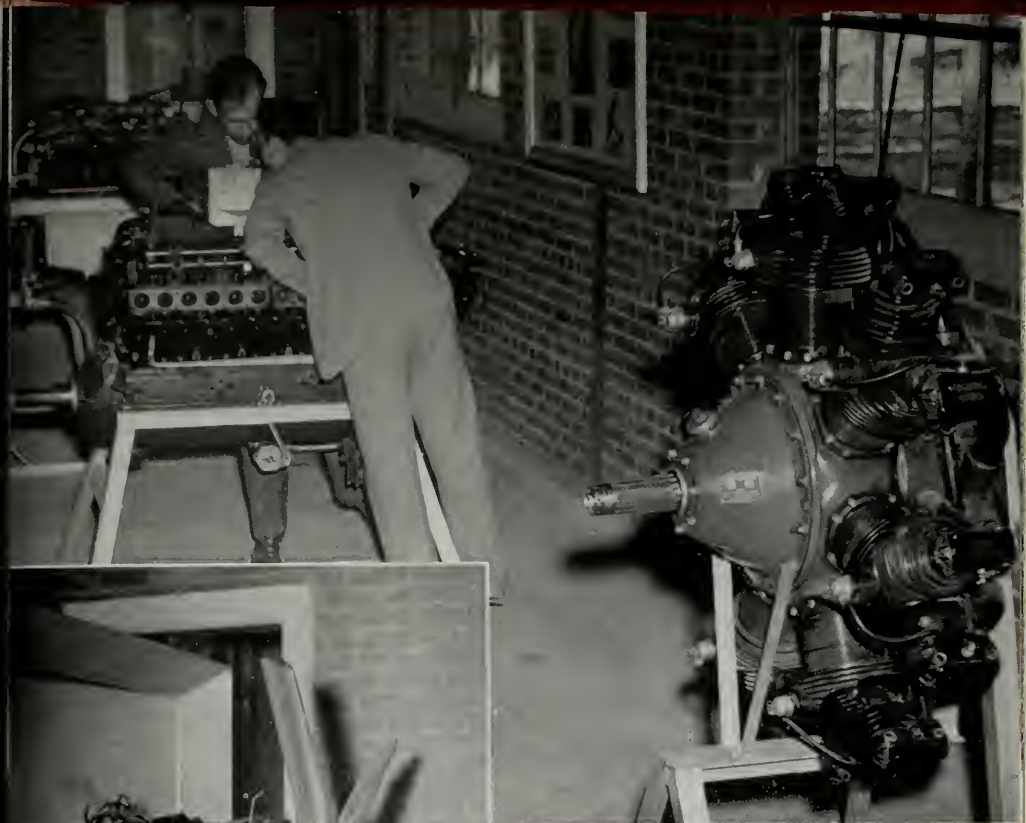


Upper: View of some of the steam power apparatus, with a turbine test in progress.

Right: Good water is essential to efficient boiler operation. This requires frequent testing of feed-water.

Below: An efficiently run steam engine requires periodic indicating as a check on valve-setting and operation.



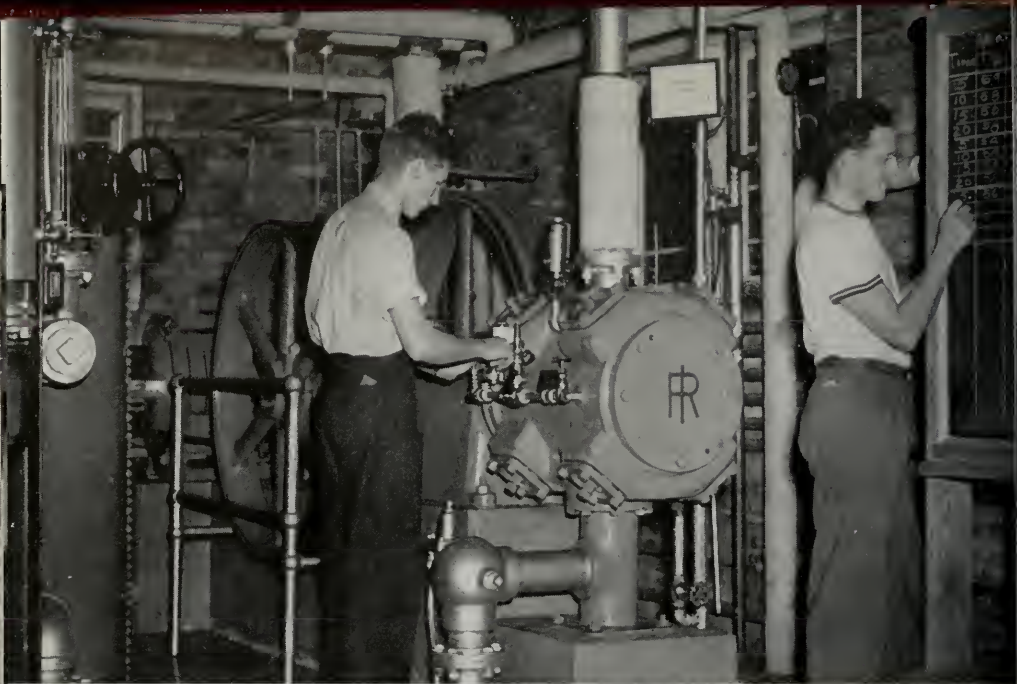


Upper: Aeronautics students becoming acquainted with engine construction.

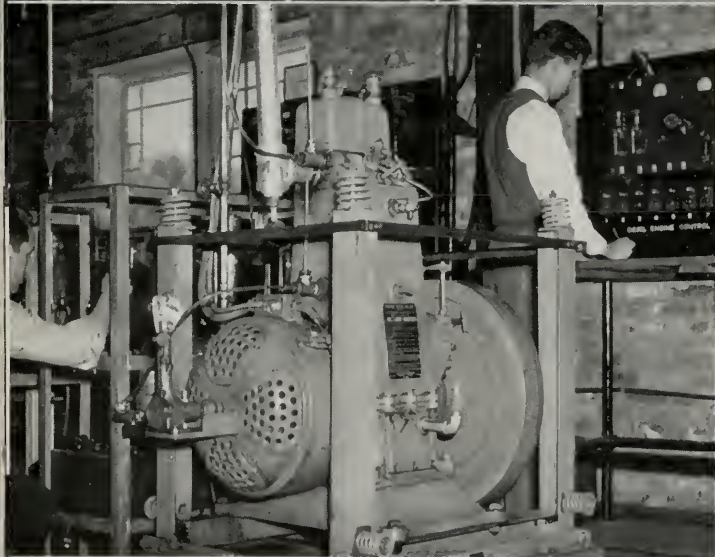
Left: Airplane engine test cell, with engine mounted for study of its performance.

Below: Wind tunnel for studying characteristics of air-foil shapes.





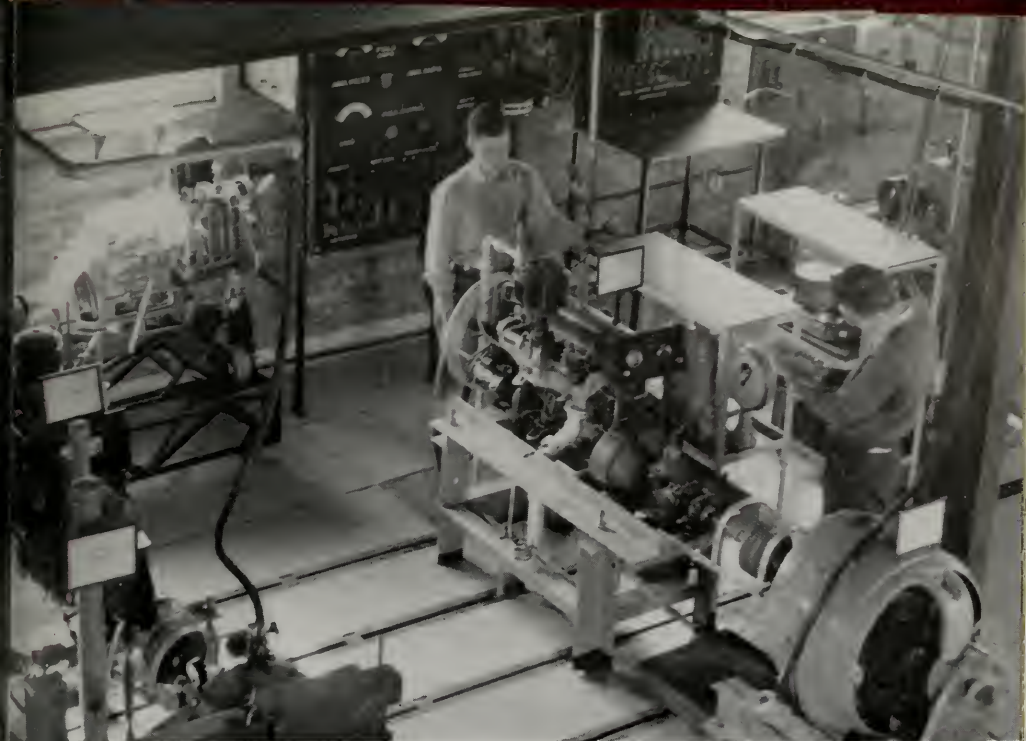
Upper: Engineers must be diligent to keep accurate records of the progress of their tests as they are performed.



Left: Laboratory equipment includes a standard type generator set equipment for test.

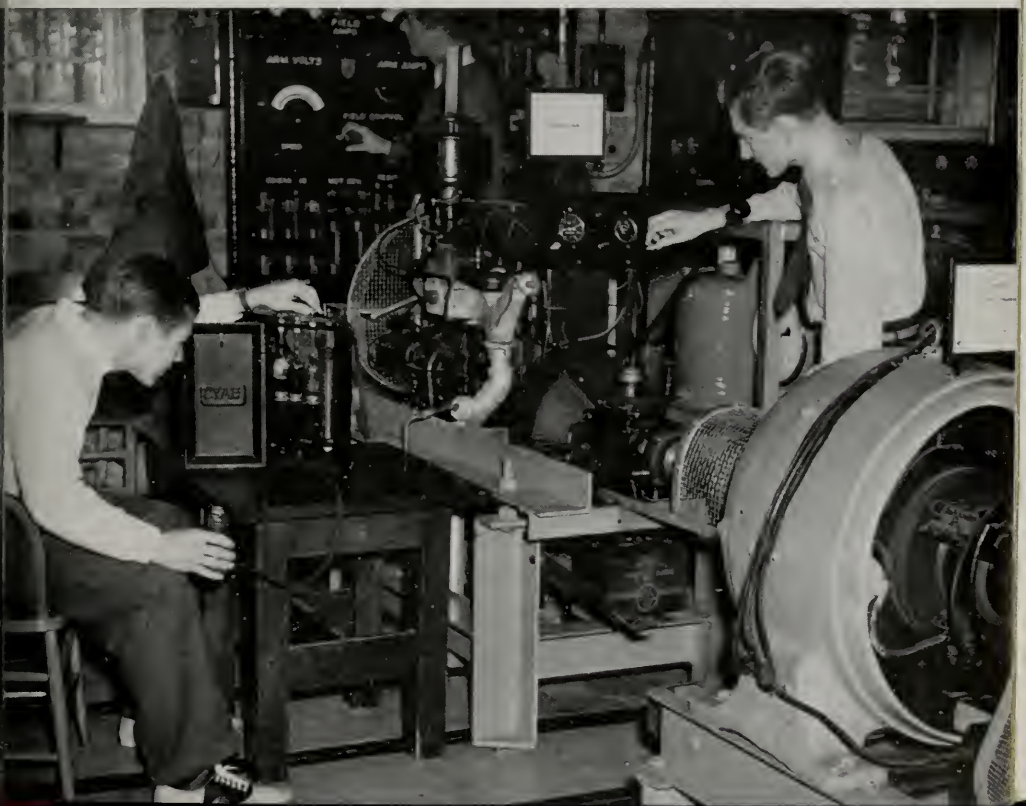
Right: Corner of the machine-tool laboratory with student on a project.





per: Set-up for testing internal-combustion engines is complete, with both electric and hydraulic dynamometers in use.

wer: Close-up of internal-combustion engine test in progress.





Major Alexander P. de Seversky discusses aviation with members of Duke student organizations which are a part of four national professional engineering societies: American Society of Civil Engineers, American Institute of Electrical Engineers, American Society of Mechanical Engineers, and the Institute of the Aeronautical Sciences.

The Duke University Chapel attracts many students to the services of worship and other religious activities of the Duke University Church. More than one hundred student voices are heard in the Chapel Choir.



The U. S. Naval Reserve Office Training Corps at Duke University was established in 1941. Entering freshmen may apply for voluntary enrollment for work leading to commissions as Reserve Ensigns or Second Lieutenants.



The Duke University Stadium is the scene of many major football games with attendance often in excess of fifty thousand persons.

The trophy case in the reception room of the Engineers' Dormitory contains a growing collection of awards won by engineering students in intramural competition.

A comprehensive program in Physical Education is available to all students. Courses in physical education are required during the first two years. Following this, a varied program of participation in sports and recreation is possible either individually or through an extensive intramural program.

Major and minor intercollegiate varsity sports programs are open to especially qualified students. Engineering students participate in all phases of this physical education program.





MANY ENGINEERING CLASSES ARE HELD IN WEST DUKE BUILDING, EAST CAMPUS.

This bulletin presents pictorial information concerning the College of Engineering. More complete information is to be found in the Annual Bulletin of the College of Engineering. For copies of these bulletins apply to The Secretary, Duke University, Durham, N. C.

For further information about the College of Engineering address:

W. H. HALL, DEAN
COLLEGE OF ENGINEERING
DUKE UNIVERSITY
DURHAM, N. C.

Applications for admission to the College of Engineering should be addressed to THE SECRETARY, DUKE UNIVERSITY, DURHAM, N. C.

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June, 1942

NUMBER 8

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Catalogue Number



1941-1942

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DURHAM, NORTH CAROLINA

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FOR GENERAL BULLETIN of Duke University, apply to *The Secretary*, Duke University, Durham, N. C.

FOR BULLETIN OF UNDERGRADUATE INSTRUCTION, apply to *The Secretary*, Duke University, Durham, N. C.

FOR BULLETIN OF THE GRADUATE SCHOOL OF ARTS AND SCIENCES, apply to *The Dean of the Graduate School*, Duke University, Durham, N. C.

FOR BULLETIN OF THE SCHOOL OF LAW, apply to *The Dean of the School of Law*, Duke University, Durham, N. C.

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FOR BULLETIN OF THE DIVINITY SCHOOL, apply to *The Dean of the Divinity School*, Duke University, Durham, N. C.

FOR BULLETIN OF THE SCHOOL OF FORESTRY, apply to *The Dean of the School of Forestry*, Duke University, Durham, N. C.

FOR BULLETIN OF THE COLLEGE OF ENGINEERING, apply to *The Secretary*, Duke University, Durham, N. C.

FOR BULLETIN OF THE SUMMER SESSION, apply to *The Director of the Summer Session*, Duke University, Durham, N. C.

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CATALOGUE NUMBER

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1942

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UNIVERSITY CALENDAR

1942

- June 9 Tuesday, 9:00 A.M.—Registration of students for Summer Session, first term.
- June 10 Wednesday, 8:00 A.M.—Instruction begins for Summer Session, first term.
- July 4 Saturday, Independence Day: a holiday.
- July 18, 20 Saturday, Monday—Final examinations for Summer Session, first term.
- July 21 Tuesday, 9:00 A.M.—Registration of students for Summer Session, second term.
- July 21 Tuesday, 2:00 P.M.—Instruction begins for Summer Session, second term.
- August 29 Saturday—Final examinations for Summer Session, second term.
- Sept. 10 Thursday, 9:00 A.M.—Dormitories open to Freshmen.
- Sept. 10 Thursday, 8:00 P.M.—Assembly for all entering Freshmen; Freshmen Orientation Program begins.
- Sept. 15 Tuesday—Freshman instruction begins.
- Sept. 15 Tuesday—Registration and matriculation of new students with advanced standing.
- Sept. 16 Wednesday, 11:00 A.M.—Formal opening of the College; registration of matriculated students.
- Sept. 17 Thursday—Instruction for Sophomores, Juniors, and Seniors begins.
- Sept. 17-19 Thursday, 9:00 A.M.-1:00 P.M.; 2:30 P.M.-4:00 P.M.; Friday, 9:00 A.M.-1:00 P.M.; 2:30 P.M.-5:00 P.M.; Saturday, 9:00 A.M.-1:00 P.M.—Registration of graduate students.
- Nov. 26 Thursday—Thanksgiving Day: a holiday.
- Dec. 11 Friday—Duke University Day.
- Dec. 19 Saturday, 1:00 P.M.—Christmas recess begins.
- Dec. 29 Tuesday, 1:00 P.M.—Instruction is resumed.

1943

- Jan. 15 Friday—Mid-year examinations begin.
- Jan. 23 Saturday—Last day for matriculation for second semester.
- Jan. 25 Monday—Second semester begins.
- April 10 Saturday—Last day for submitting orations for Wiley Gray Contest.

April	30	Friday—Last day for selection of courses for ensuing year.
May	3	Monday—Earliest date for beginning of Honors examinations.
May	12	Wednesday—Final examinations, second semester, begin.
May	20	Thursday—Final examinations, second semester, end.
May	22	Saturday—Commencement Day.

The above is the basic University Calendar, applying more particularly to the Undergraduate Colleges. Variations as affecting the various Schools are included in the catalogue bulletins of such Schools.

1942

JANUARY	APRIL	JULY	OCTOBER
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HISTORY

Duke University owes its existence to a charitable trust set up by James B. Duke by an Indenture dated December 11, 1924, and known as the Duke Endowment; to gifts made by him to the University in the succeeding year; and to bequests that came through his will at his death, October 10, 1925. It is built around Trinity College which was brought to Durham and maintained there largely through the generosity of the Duke family.

Trinity College in its origins goes back to 1838. In that year the citizens of a rural community in the northwest section of Randolph County, North Carolina, established a school with Rev. Brantley York as principal. In 1839 this school was enlarged and named Union Institute. In 1841 it was incorporated by the following enactment of the Legislature of North Carolina:

*An Act to Incorporate Union Institute Academy:**

Be it enacted by the General Assembly of the State of North Carolina, and it is hereby enacted by the authority of the same, That Nathan Hunt, Joseph Mendenhall, Joseph Johnson, Lewis Leach, Jabez Leach, Martin W. Leach, and Ahi Robbins, and their successors, are hereby constituted a body corporate and politic to be known and distinguished by the name and style of the Trustees of the Union Institute Academy, and by that name shall have succession, and shall be able and capable in law to have, receive and possess, lands and tenements, goods and chattels, acquired by gift or otherwise, and use and apply the same according to the will of the donor, or dispose of the same when not forbidden by the terms of the gift. They may sue and be sued, plead and be impleaded in any Court of Justice, and shall have power to fill vacancies in their body, which may occur by death, resignation, or otherwise, establish such laws and regulations for the government of said Institution as they may deem necessary, not inconsistent with the laws of this State, and do and perform all such acts and things as are incident to, and usually exercised for, bodies politic, for the accomplishments of the object contemplated.

Ratified the 12th day of January, 1841.

In the year 1842 Braxton Craven became principal of the school. The growth and development of the school caused the Trustees to plan to put it in direct relation to the educational needs of the public schools of the State. Application was made to the Legislature of North Carolina for a new charter, and on January 28, 1851, Union Institute Academy was incorporated as Normal College by the following enactment:

An Act to Incorporate Union Institute, in Randolph County, a Normal College:†

SECTION 1. Be it enacted by the General Assembly of the State of North Carolina, and it is hereby enacted by the authority of the same, That the present Trustees of Union Institute, to-wit: M. W. Leach, Ahi Robbins, Joseph Johnson, James Leach, and C. M. Hines; together with Rev. B. Craven, of said Institute; Hon. A. H. Sheppard, of Salem; John A. Gilmer, Esq., of Greensboro; Col. Samuel Hargrave, of Lexington; J. L. Blackmer, Esq., of Salisbury; Rev. S. A. Andrews, of Greensboro; Dr. S. G. Coffin, of Jamestown; H. B. Elliott, Esq., of Randolph; J. W. Thomas, Esq., of Davidson; John B. Troy, of Randolph; J. P. H. Russ, of Randolph; Eli Russell, of Montgomery, and Gen. J. M. Leach, of Lexington; and their successors be, and they are hereby declared, a body politic and corporate, to be known and distinguished by the name and style of the Normal College, and by that name shall have a perpetual succession, and a common seal, and be able and capable in law, of holding lands, tenements and chattels, sufficient for the uses and purposes of said College, and of suing and being sued, and of pleading and being impleaded.

SEC. 2. Be it further enacted, That said Trustees shall have the power to fix the time of holding the annual and other meetings, and to prescribe the manner in which vacancies in their body may be filled, five Trustees being a quorum to do business.

* Laws of North Carolina, 1840-1843.

† Laws of 1850-1851, chapter 20, page 56.

SEC. 3. Be it further enacted, That the said College shall be under the supervision, management and government of a President and such other persons as said Trustees may appoint; the said President, which the advice of the other persons so appointed, shall from time to time make all needful rules and regulations for the internal government of said College, and fix the number and compensations of teachers to be employed therein, to prescribe the preliminary examinations and the terms and conditions on which pupils shall be received and instructed, and the number of pupils to be received from the respective counties.

SEC. 4. Be it further enacted, That said Trustees shall have power to make such rules, regulations and bylaws, not inconsistent with the Constitution of the United States and of this State as may be necessary for the good government of said College, and the management of he property and funds of the same.

SEC. 5. Be it further enacted, That when any pupil shall have sustained a satisfactory examination on the studies, or course of studies, prescribed by the Faculty and Trustees of said College, such person shall be deemed qualified to teach common schools and may receive a certificate, signed by the President and at least seven Trustees, which certificate shall be sufficient evidence of ability to teach in any of the common schools in this State, without any reexamination of the county committees; and where county certificates are now required before paying out the public funds, the certificate of the Normal College shall answer in lieu thereof.

SEC. 6. Be it further enacted, That the whole College course shall be divided into four classes or degrees, styled first, second, third and fourth, and students shall be ranked accordingly.

SEC. 7. Be it further enacted, That all pupils entering said College shall first sign a declaration, in a book to be kept by the President for that purpose as follows: "We, the subscribers, hereby declare that it is our intention to devote ourselves to the business of teaching common schools in the State of North Carolina, and that our sole object in resorting to this Normal College is the better to prepare ourselves for that important duty," which declaration it shall be the duty of the President to explain to the pupils before they sign the same.

Ratified 28th January, 1851.

On November 21, 1852, the Legislature ratified amendments to the charter of 1851 including changes and additions as follows:

*An Act to Amend an Act, Entitled "An Act to Incorporate Union Institute, in Randolph County, Normal College":**

SECTION 1. Be it enacted by the General Assembly of the State of North Carolina, and it is hereby enacted by the authority of the same, That J. C. Dobbin, John A. Gilmer, W. H. Washington, A. H. Sheppard, H. B. Elliott, J. M. Leach, Joseph Johnson, S. G. Coffin, A. S. Andrews, Joseph B. Cherry, N. W. Woodfin, R. Craven, James Leach, Calvin Graves, Ahi Robbins, John B. Troy, Robert Strange, John W. Thomas, Samuel Hargrave, J. P. H. Russ, M. W. Leach, W. L. Steele, R. M. Saunders, W. B. Lane, G. W. Caldwell, C. H. Wiley, Jabez Leach, John A. Lillington, J. T. Morehead, Thales McDonald, R. C. Puryear, S. P. Hill, Alexander Gray, James M. Garrett, and Edward Ogburn and their successors be, and they are hereby declared, a body politic and corporate to be known and distinguished by the name and style of "The Trustees of Normal College." and by that name and style shall have a perpetual succession and a common seal, and be able and capable in law of holding lands, tenements and chattels for the uses and purposes of said College; and of suing and being sued, and of pleading and being impleaded.

SEC. 2. Be it further enacted, That the Governor of the State shall be *ex-officio* President of the Board of Trustees, and that the common school superintendent, should such an officer exist, shall be *ex-officio* Secretary of the Board, and that all vacancies in the Board shall be filled by a majority of the Trustees of said College.

SEC. 3. Be it further enacted, That the Trustees shall have power of appointing an Executive Committee, to consist of seven members which committee shall control the internal regulations of said College, and fix all salaries and emoluments, and of doing all other things necessary for an institution of learning not inconsistent with the laws of this State and of the United States.

SEC. 4. . . . They shall also have the power to grant such degrees and marks of honor as are given by Colleges and Universities generally.

SEC. 5. Be it further enacted, That the Secretary of the Board of Trustees shall, within ten days after the meeting of each [Legislature] make a full report of the condition and operations of said Normal College, and the general character of Normal instruction; also, the condition and progress of Normal schools generally, together with all other information deemed important in the education of teachers, giving also the names and residences of all who have been authorized to teach.

SEC. 6. Be it further enacted, That the President and Directors of the literary fund are hereby directed to loan to the Trustees of Normal College, the sum of ten thousand dollars out of any moneys not otherwise appropriated, at six per cent interest, to be paid semiannually, upon said Trustees giving bond and good security for the same.

Under the amended charter authorizing the institution to confer degrees, two students were graduated on July 28, 1853, with the degree of Bachelor of Arts.

* Laws of 1852-1853, chapter 88, page 161.

In the year 1853-1854 a larger building was erected by means of money lent by the State of North Carolina under the authority granted in the amended charter. In November, 1856, the Trustees of Normal College authorized President Craven to propose to the North Carolina Conference of the Methodist Episcopal Church, South, that the institution be placed under the ownership and control of that body. The Conference passed the following resolution:

1. That the Conference authorize and request the Board of Trustees of Normal College to raise by donations twenty thousand dollars.
2. That all lands and property belonging to the College be conveyed to the Board of Trustees in trust for the North Carolina Conference.
3. That the Conference fill all vacancies in the Board.
4. That the Conference appoint a visiting committee, which committee shall have equal power with the Board as to the internal regulations and operations of the College.

Within the following two years the Trustees arranged to meet all the conditions stipulated. The North Carolina Conference of the Methodist Episcopal Church, South, in consequence, became invested with the complete ownership and control of the College.

On February 16, 1859, the charter was amended and the name of the institution changed to Trinity College by the following enactment of the Legislature of North Carolina:

*An Act to Amend the Charter of Normal College:**

SECTION 1. Be it enacted by the General Assembly of the State of North Carolina, and it is hereby enacted by the authority of the same, That the corporation established by an act passed in 1852, and known by the style and title of the "Trustees of Normal College," be and the same is hereby changed to Trinity College; and said corporation shall henceforth, by the name and style of Trinity College, hold and use all the authority, privileges, possessions and liabilities it had under the former title and name.

Sec. 2. Be it further enacted, That the estate, real and personal, received and controlled by the Trustees of Trinity College, shall be for the uses and purposes of a literary institution for the North Carolina Conference of the Methodist Episcopal Church, South.

Sec. 3. Be it further enacted, That all vacancies in the Board of Trustees shall be filled by said North Carolina Conference: *Provided, however,* That no person shall be elected a Trustee till he has first been recommended by a majority of the Trustees present at a regular meeting; and the Trustees shall have power to remove any member of their body who may remove beyond the boundaries of the State, or who may refuse or neglect to discharge the duties of a Trustee.

Sec. 4. Be it further enacted, That the Faculty and Trustees shall have the power of conferring such degrees and marks of honor as are conferred by colleges and universities generally; and that five Trustees shall be a quorum to transact business.

Sec. 5. Be it further enacted, That no person shall keep, maintain, or have at Trinity College, or within two miles thereof, any tippling-house establishment, or place for the sale of wine, cordials, spirituous or malt liquors; nor shall any person in the State, without a written permission from the Faculty, sell, or offer to sell, give or deliver to any student of Trinity College, or to any other person, any wine, cordials, spirituous or malt liquors for the purpose of being used or with a knowledge that the same will be used at said College, or within two miles thereof, by any student.

Sec. 6. Be it further enacted, That no person shall set up, keep or maintain at Trinity College, (or) within two miles thereof, any public billiard table, or other table, of any kind at which games of chance or skill, by whatever name called, may be played; and that no person, without written permission from the Faculty, shall within the same limits exhibit any theatrical, sleight-of-hand, natural or artificial curiosities, or any concert, serenade, or performance in music, singing or dancing.

Sec. 7. Be it further enacted, That sections second, fourth and fifth of the charter passed in 1852, are hereby repealed, and that all acts and laws coming within the meaning and purview of this present act are hereby repealed.

During the Civil War the College shared the common fate of Southern colleges. President Craven resigned in 1863, and Professor William T. Ganaway was elected his successor. In October, 1865, Dr. Craven was re-elected to the presidency; however, the work of the College, which had been suspended in April of that year, was not resumed till January, 1866. Dr. Craven remained president of the College till his death, November 7, 1882. Professor William Howell Pegram was then elected chairman of the Faculty. He served till the close of the academic year, June, 1883.

The Reverend Marquis L. Wood was elected president in 1883; he resigned in December, 1884, when Professor John F. Heitman was elected chairman

* Laws of 1858-1859, chapter 85, page 81.

of the Faculty. John Franklin Crowell was chosen president of the College in April, 1887.

President Crowell conceived the idea of enlarging the scope of college work and of removing Trinity College to a city. The Board of Trustees on May 7, 1889, passed the following resolutions:

Resolved (1). That after mature and prayerful consideration, we believe it best for the interest of Methodism in North Carolina, and the cause of God, to move Trinity College to some prominent center within this State: *Provided*, There shall be tendered to this Board a proper guarantee of a suitable site, with buildings on it, of at least equal value, and as well suited for the uses of the College as those on the present site.

Resolved (2). That a committee of five be appointed to carry out the true intent of the above resolution, and report to the next annual meeting of the Board of Trustees.

At a meeting of the Trustees held in Greensboro, North Carolina, November 30, 1889, the following resolutions were adopted:

Resolved (1). That the Board of Trustees of Trinity College accept the offer of the citizens of Raleigh to erect a college building on the site designated, said building to be according to the plans and specifications mentioned in their offer.

Resolved (2). That we recommend the N. C. Annual Conference of the M. E. Church, South, to authorize the removal of Trinity College in accordance with the above and former resolutions passed by this Board.

Resolved (3). That the grounds and buildings now owned and used at Trinity College be held by the same Board of Trustees to be used as an academical department to prepare students for the college classes.

In accordance with these resolutions, through President Crowell, the Conference was asked at its session in Greensboro, December, 1889, to grant permission to remove the College to the City of Raleigh. The Conference took the following action:

Resolved, That the Board of Trustees of Trinity College be and is hereby authorized and directed to move Trinity College to the City of Raleigh, when the citizens of said city shall have erected on the site designated and known as the Boylan lot, the building proposed and agreed to be built by them *Provided*, That before said college is moved, as aforesaid, there shall be made, executed and delivered to said Trustees a good and sufficient deed in fee simple with proper covenants of warranty and seizin, conveying the lot and site designated to said Trustees and their successors in office, for the use and benefit of the North Carolina Conference, Methodist Episcopal Church, South, as it now exists, and for the use and the benefit of such Conferences, as may be hereafter created by the Methodist Episcopal Church, South, out of any territory within the State of North Carolina.

Some time after this action of the Conference, Washington Duke and other citizens of Durham, North Carolina, made a proposition to the Trustees to locate the College in Durham, and this proposition was accepted. On January 21, 1891, the Legislature of North Carolina issued the following charter:

An Act to Amend the Charter of Trinity College:

The General Assembly of North Carolina do enact:

SECTION 1. That the Trustees of Trinity College are authorized and empowered to remove the operations and exercises of said College, and to locate the buildings deemed necessary by them for the purpose of the College, at or near the town of Durham, North Carolina. They may, if they so elect, establish and maintain in connection with said College institutions of primary and intermediate education at the present site of the College in Randolph County, and at such other points as they may now or hereafter determine, for the purpose of preparing students for admission to a collegiate course. The management of such auxiliary and subordinate high schools and academies shall be vested in the said Board of Trustees, who are authorized to make by-laws and regulations for them, as well as for the College proper.

Sec. 2. That the Trustees of Trinity College are authorized to receive and hold by gift, devise or purchase, property, real and personal, to be held for the use of said College and its dependent schools or for the use of either or both (as may be designated in the conveyance or will), (to a value not exceeding in the aggregate sum three millions of dollars).

Sec. 3. That the Trustees shall be thirty-six in number, of whom twelve shall be elected by the North Carolina Conference of M. E. Church, South, twelve by the W. N. C. Conference of said church, and twelve by graduates of said College. The term of office of Trustees shall be six years, and they shall be so arranged that four Trustees shall be elected by each Conference and four by the graduates every two years. The Trustees shall regulate by by-laws the manner of election of the Trustees to be chosen by the graduates. Should there exist a vacancy by death, resignation, or otherwise, of any Trustee, the same shall be filled for the unexpired term by the Board of Trustees. The terms of the Trustees now in office shall expire January first, one thousand eight hundred and ninety-two. At the first election held under this amendment to the Charter, the body of grad-

uates and each of the Conferences shall respectively elect four Trustees for the term of two years; in like manner each of said constituencies shall elect four Trustees for the term of four years, and in like manner each shall elect four Trustees for the term of six years.

In September, 1892, the College opened its first session in the new plant located at Durham. In May, 1894, President Crowell resigned, and on August 1, 1894, the Reverend John C. Kilgo was elected his successor. In May, 1897, the Trustees authorized the admission of women as students to all departments of the College.

On account of the fact that the fundamental laws under which the College was managed were contained in an original charter and in several amendments, it was deemed best by the Board of Trustees, in June, 1902, to appoint a committee to make an application to the Legislature for a new charter, which should unify and harmonize the provisions of the existing legislation. On February 28, 1903, the Legislature of North Carolina granted the new charter which is identical with the charter as found on pages 17-18, except that the corporate name of the institution is changed to Duke University and the corporation is given perpetual existence, an amendment enacted by the General Assembly of North Carolina, January 19, 1911, having already stricken out the limitations set in former charters to the amount of property the College might hold.

Having been elected a bishop of the Methodist Episcopal Church, South, President Kilgo resigned in June, 1910. William Preston Few was elected to succeed him and was formally inaugurated November 9, 1910.

On December 29, 1924, the Board of Trustees of Trinity College met to consider the Indenture of Trust executed by James B. Duke, December 11, 1924. The Board voted unanimously to accept the provisions of the Indenture in so far as it affected Duke University, and authorized the necessary steps to be taken whereby, on December 30, 1924, a charter for the University was granted. The charter follows closely that of Trinity College and is printed on pages 15-16.

President Few died October 16, 1940. Dr. R. L. Flowers was elected President January 29, 1941.

Duke University is approved by the recognized accrediting agencies in the field of university education and is a member of various associations devoted to the interests of such education. Among those in which it holds membership are the Association of American Universities, the Southern Association of Colleges and Secondary Schools, the American Association of Colleges, the Southern University Conference, the American Association of Law Schools, the Association of American Medical Colleges, the American Association of Theological Schools, and others.

GOVERNMENT

1. THE INDENTURE OF TRUST BY WHICH THE UNIVERSITY WAS CREATED

Among the provisions of James B. Duke's indenture of trust was an educational institution to be known as Duke University, in respect to which the Indenture contains the following provisions, and these provisions apply also to gifts made by him the year before he died and to bequests that came to the University at his death or that have come since:

I. (In Article FOURTH) The Trustees hereunder are hereby authorized and directed to expend as soon as reasonably may be not exceeding Six Million Dollars of the corpus of this trust in establishing at a location to be selected by them within the State of North Carolina an institution of learning to be known as Duke University, for such purpose to acquire such lands and erect and equip thereon such buildings according to such plans as the Trustees may in their judgment deem necessary and adopt and approve for the purpose, to cause to be formed under the laws of such state as the Trustees may select for the purpose a corporation adequately empowered to own and operate such properties under the name of Duke University as an institution of learning according to the true intent hereof, and to convey to such corporation when formed the said lands, buildings and equipment upon such terms and conditions as that such corporation may use the same only for such purposes of such university and upon the same ceasing to be so used then the same shall forthwith revert and belong to the Trustees of this trust as and become a part of the corpus of this trust for all of the purposes thereof.

However, should the name of Trinity College, located at Durham, North Carolina, a body politic and incorporate, within three months from the date hereof (or such further time as the Trustees hereof may allow) be changed to Duke University, then, in lieu of the foregoing provisions of this division "FOURTH" of this Indenture, as a memorial to his father, Washington Duke, who spent his life in Durham and whose gifts, together with those of Benjamin N. Duke, the brother of the party of the first part, and of other members of the Duke family, have so largely contributed toward making possible Trinity College at that place, he directs that the Trustees shall expend of the corpus of this trust as soon as reasonably may be a sum not exceeding Six Million Dollars in expanding and extending said University, acquiring and improving such lands, and erecting, removing, remodeling and equipping such buildings, according to such plans, as the Trustees may adopt and approve for such purpose to the end that said Duke University may eventually include Trinity College as its undergraduate department for men, a School of Religious Training, a School for Training Teachers, a School of Chemistry, a Law School, a Co-ordinate College for Women, a School of Business Administration, a Graduate School of Arts and Sciences, a Medical School and an Engineering School, as and when funds are available.

II. (In Article FIFTH) Thirty-two per cent of said net amount not retained as aforesaid for addition to the corpus of this trust shall be paid to that Duke University for which expenditures of the corpus of the trust shall have been made by the Trustees under the "Fourth" division of this Indenture so long as its name shall be Duke University and it shall not be operated for private gain, to be utilized by its Board of Trustees in defraying its administration and operating expenses, increasing and improving its facilities

and equipment, the erection and enlargement of buildings and the acquisition of additional acreage for it, adding to its endowment or in such other manner for it as the Board of Trustees of said institution may from time to time deem to be of its best interests, provided that in case such institution shall incur any expense or liability beyond provision already in sight to meet same, or in the judgment of the Trustees under this Indenture be not operated in a manner calculated to achieve the results intended hereby the Trustees under this Indenture may withhold the whole or any part of such percentage from said institution so long as such character of expense or liabilities or operation shall continue, such amounts so withheld to be in whole or in part either accumulated and applied to the purposes of such University in any future year or years, or utilized for the other objects of this Indenture, or added to the corpus of this trust for the purpose of increasing the principal of the trust estate, as the Trustees may determine.

III. (In Article SEVENTH) I have selected Duke University as one of the principal objects of this trust because I recognize that education, when conducted along sane and practical, as opposed to dogmatic and theoretical lines, is next to religion, the greatest civilizing influence. I request that this institution secure for its officers, trustees, and faculty, men of such outstanding character, ability, and vision as will insure its attaining and maintaining a place of real leadership in the educational world, and that great care and discrimination be exercised in admitting as students only those whose previous record shows a character, determination, and application evincing a wholesome and real ambition for life. And I advise that the courses at this institution be arranged, first, with special reference to the training of preachers, teachers, lawyers and physicians, because these are most in the public eye, and by precept and example can do most to uplift mankind, and second, to instruction in chemistry, economics and history, especially the lives of the great of earth, because I believe that such subjects will most help to develop our resources, increase our wisdom and promote human happiness.

IV. (In Article THIRD) As respects any year or years and any purpose or purposes for which this trust is created (except the payments hereinafter directed to be made to Duke University) the Trustees in their uncontrolled discretion may withhold the whole or any part of said incomes, revenues and profits which would otherwise be distributed under the "Fifth" division hereof, and either (1) accumulate the whole or any part of the amount so withheld for expenditures (which the Trustees are hereby authorized to make thereof) for the same purpose in any future year or years, or (2) add the whole or any part of the amounts so withheld to the corpus of the trust, or (3) pay, apply and distribute the whole or any part of said amounts to and for the benefit of any one or more of the other purposes of this trust, or (4) pay, apply and distribute the whole or any part of said amounts to or for the benefit of any such like charitable, religious or educational purpose within the State of North Carolina or the State of South Carolina, or any such like charitable hospital purpose which shall be selected therefor by the affirmative vote of three-fourths of the then Trustees at any meeting of the Trustees called for the purpose, complete authority and discretion in and for such selection and utilization being hereby given the Trustees in the premises.

2. THE CHARTER OF THE UNIVERSITY

SECTION 1. That A. P. Tyer, J. H. Southgate, B. N. Duke, G. A. Oglesby, V. Ballard, J. A. Long, J. F. Bruton, J. N. Cole, F. A. Bishop, J. G. Brown, C. W. Toms, J. W. Alspaugh, W. R. Odell, J. A. Gray, F. Stikeleather, Kope Elias, S. B. Turrentine, P. H. Hanes, T. F. Marr, G. W. Flowers, M. A. Smith, R. H. Parker, W. J. Montgomery, F. M. Simmons, O. W. Carr, R. A. Mayer, N. M. Journey, Dred Peacock, B. B. Nicholson, W. G. Bradshaw, E. T. White, T. N. Ivey, J. B. Hurley, R. L. Durham, W. C. Wilson, and their associates and successors shall be, and continue as they have been, a

body politic and corporate under the name and style of DUKE UNIVERSITY, and under such name and style shall have perpetual existence and are hereby invested with all the property and rights of property which now belong to the said corporation, and said corporation shall henceforth and perpetually, by the name and style of DUKE UNIVERSITY, hold and use all the authority, privileges, and possessions it had or exercised under any former title and name, and be subject to all recognized legal liabilities and obligations now outstanding against said corporation.

SEC. 2. That such corporation is authorized to receive and hold by gift, devise, purchase or otherwise, property, real and personal, to be held for the use of said University and its dependent schools or for the use of either or both (as may be designated in the conveyance or will).

SEC. 3. That the Trustees shall be thirty-six in number, of whom twelve shall be elected by the North Carolina Conference of the M. E. Church, South; twelve by the W. N. C. Conference of the said church; and twelve by the graduates of said University; *Provided, however,* That no person shall be elected a Trustee till he has first been recommended by a majority of the Trustees present at a regular meeting; and the Trustees shall have power to remove any member of their body who may remove beyond the boundary of the State or who may refuse or neglect to discharge the duties of a Trustee. The term of office of Trustees shall be six years, and they shall be so arranged that four Trustees shall be elected by each Conference and four by the graduates every two years. The Trustees shall regulate by bylaws the manner of election of the Trustees to be chosen by the graduates. Should there exist a vacancy by death, resignation, or otherwise of any Trustee, the same shall be filled for the unexpired term by the Board of Trustees. That the present Trustees shall continue and remain in office during the term for which they have been heretofore respectively elected.

SEC. 4. That the said corporation shall be under the supervision, management and government of a president and such other persons as said Trustees may appoint; the said president, with the advice of other persons so appointed, shall from time to time make all needful rules and regulations for the internal government of said University and prescribe the preliminary examinations and the terms and conditions on which pupils shall be received and instructed.

SEC. 5. That said Trustees shall have power to make such rules, regulations, and bylaws not inconsistent with the Constitution of the United States and of this State, as may be necessary for the good government of said University and the management of the property and funds of the same.

SEC. 6. That the Trustees shall have power to fix the time of holding their annual and other meetings, to elect a president and professors for said University, to appoint an executive committee to consist of seven members, which committee shall control the internal regulations of said University and fix all salaries and emoluments, and to do all other things necessary for an institution of learning not inconsistent with the laws of this State and of the United States.

SEC. 7. That the Faculty and Trustees shall have the power of conferring such degrees and marks of honor as are conferred by colleges and universities generally; and that five Trustees shall be a quorum to transact business.

SEC. 8. That all laws and parts of laws or of the charter heretofore granted which are in conflict with this act are hereby repealed.

SEC. 9. That this act shall be in force from and after its ratification and acceptance by the Board of Trustees.

3. THE BYLAWS OF THE UNIVERSITY

1. AIMS OF THE UNIVERSITY. The aims of Duke University are to assert a faith in the eternal union of knowledge and religion set forth in the teachings

and character of Jesus Christ, the son of God; to advance learning in all lines of truth; to defend scholarship against all false notions and ideals; to develop a Christian love of freedom and truth; to promote a sincere spirit of tolerance; to discourage all partisan and sectarian strife; and to render the largest permanent service to the individual, the state, the nation, and the church. Unto these ends shall the affairs of this University always be administered.

2. **THE UNIVERSITY TRUSTEES.** The Alumni Trustees, nominated by the Board as provided for in the charter, are elected by the Alumni Association. The officers of the Board are chairman, vice-chairman, and recording secretary. The chairman calls to order and presides at all meetings of the Board, calls extraordinary meetings when, in his judgment, such meetings may be necessary, and represents the Trustees at public meetings of the University. He is ex-officio member of the Executive Committee. In the absence of the chairman the vice-chairman calls to order and presides over meetings of the Board, but does not perform any of the other duties of the chairman unless ordered to do so by the Board of the Executive Committee. The recording secretary records the minutes of all the meetings, does the correspondence, and is the custodian of the records and other documents that may belong to the Board.

3. **THE EXECUTIVE COMMITTEE.** The Executive Committee consists of seven members, three of them from the University Trustees, including the chairman ex-officio, three from the Endowment Trustees, and the President of the University ex-officio. It performs the duties set out for it in the charter—namely, controls the internal regulations of the University and fixes all salaries and emoluments. The Committee is furthermore authorized to appoint officers and teachers of the University subject to the approval of the University Trustees. The Committee is elected by the University Trustees, three of them on nomination of the Endowment Trustees, and the Committee elects its own officers. It meets once a month and oftener when necessary. The Committee through its chairman makes annually a report to the University Trustees.

4. **OFFICERS OF THE UNIVERSITY.** The officers of the University are a president, three vice-presidents, a treasurer, a dean of the University, and such other deans as may be needed, a recording dean or registrar, and a secretary who is also secretary of the faculty. Whenever it may seem wise, more than one of these offices may be held by one man.

President. The President of the University calls, and presides at, all the meetings of the Faculties, sees that the laws and regulations of the Executive Committee and the Trustees affecting the administration and work of the University are carried out, appoints all committees of the Faculties and has direction of the discipline and work of the University. He has the authority to veto any action of the Faculties, when, in his judgment, such action is not in harmony with the aims and laws of the University, or when he may deem such action as unwise. However, in every instance he shall submit to the Faculty in writing his reasons for setting aside their action, and the secretary of the Faculty shall record his reasons in the record book of the Faculty. The President makes an annual report to the Board of the work, conditions, and needs of the University, and of other matters that may be of concern to it or to the cause of higher education. He nominates all members of the Faculties, and represents them at all public meetings of the University. He is an ex-officio member of the Executive Committee; and acts as the medium of communication between the University Trustees and the Endowment Trustees.

Vice-Presidents. The three Vice-Presidents of the University have supervision of the work of the University in the divisions of (a) business, (b) education, and (c) student life. In the absence of the President, Vice-Presidents in the order of official seniority may perform such duties of the President as may demand immediate attention.

Treasurer. The Vice-President in the Business Division and Treasurer has the custody of all the property of the University; that is, he has the primary responsibility for all collections and disbursements, for all securities and financial records, and for the care of the entire physical plant. He is required to make monthly reports to the Executive Committee and annual reports to the Trustees concerning his accounts and the property in his charge. It shall be the duty of the Treasurer to nominate to the Executive Committee an assistant treasurer and other assistants in sufficient number to do well the duties of his office. All officers entrusted with property belonging to the University are required to keep records of the same and these records are at all times subject to the inspection of the Treasurer. The Treasurer and his assistants shall be required to give bond, joint or several, in an amount not less than \$50,000 for the faithful performance of their duties.

5. **FACULTIES.** The General Faculty of the University is composed of professors, associate professors, and assistant professors who have been elected to membership in the Faculty. Concerning questions that do not lie exclusively in the field of any one Faculty and questions of University educational policy this Faculty has the right to enact such regulations as it may deem necessary to carry on the instruction, advance the standard of work, and otherwise develop the scholarly aims of the University. The General Faculty recommends to the University Trustees such persons as it deems fit to receive academic degrees or other marks of academic distinction. This Faculty meets twice a year and at other times on the call of the President or Dean of the University, or on the written request of five members.

The professional schools have their own faculties, each with its dean and other appropriate officers elected by the Executive Committee with the approval of the University Trustees, and each is authorized to perform any educational functions that lie in its field.

The Faculty Council includes the Deans and Assistant Deans of Trinity College and the Woman's College, the Dean of the Graduate School, the Secretary of the General Faculty, the Chairman and Director of Undergraduate Studies in each department offering instruction in the undergraduate colleges of liberal arts and sciences, one additional member elected by each department that has five or more teachers giving instruction in arts and sciences, and such others as may be appointed to membership in the Council by the governing bodies of the University. The Council meets once a month and considers questions of curriculum in the field of arts and sciences and other educational details and policies that are outside the functions of any one faculty.

The Council on Undergraduate Teaching consists of the Deans and Assistant Deans of Trinity College, the Woman's College, the College of Engineering, some other officers and appointed members, and teachers of all ranks who are giving fifty per cent or more of their time to the instruction of undergraduates. Courses to which both Seniors and graduates are admitted are understood as intended primarily for graduate students. The business of this Council is to stimulate good teaching and to find ways and means to make college teaching as effective as possible. It has the right to take such actions as may be necessary to promote these ends.

The Council on the Instruction of Freshmen is composed of the Dean of Undergraduate Instruction, the Dean of Freshmen, and the Supervisor of Freshmen Instruction from each department offering courses for Freshmen. It considers policies and matters of detail as affecting Freshman instruction and also provision for the general welfare of Freshmen. The Freshman Council makes recommendations to the Faculty Council for action in matters of general policy. The Freshman Council has the power to call upon members of the Faculty for reports or other information pertaining to the instruction of Freshmen at such dates as it may determine.

The Council on Education for Women consists of the Dean of Women and of one representative from each department offering courses which are largely taken by women students. It shall consider matters of interest and policy relating to the instruction and general welfare of the women students of the University, and make recommendations to the President, or the Faculty Council. The members of the Council on Education for Women are appointed by the President of the University.

The Council on Engineering Instruction consists of the Dean of the College of Engineering, the Secretary of the College, the Dean of the University, the Chairmen of the several departments in engineering, one representative to be appointed by the President of the University from each of the Departments of Mathematics, Physics, Chemistry, Economics, English. The Council deals with questions relating to instruction in engineering, the welfare of engineering students, and the cause of engineering in general. The Executive Committee consists of the Dean and the Secretary of the College of Engineering, and the Chairmen of the Departments of Civil, Electrical, and Mechanical Engineering.

The Council on Graduate Instruction consists of members of the Faculty above and including the ranks of associate professor who give at least half of their time to graduate work under the direction of the Graduate School, and others who may be appointed by the Governing Bodies of the University. One member is appointed from each of the professional schools which give courses for graduate credit, and in some cases more than one. The Council has to do with whatever pertains to instruction and requirements for degrees in the Graduate School of Arts and Sciences.

The Executive Committee of the Council on Graduate Instruction consists of the Dean and six members appointed by the President upon the recommendation of the Dean. Blanks are distributed once a year to each member of the Council with the request that six names be entered on the blank as his suggestions for members of the Committee. It is understood that the Dean is to take these suggestions into account in his recommendations to the President. In so far as possible the Humanities, Biological and Physical Sciences, Social Sciences, and other fields are to be represented on the Executive Committee. No more than four of the six committee members are to be reappointed for any ensuing year.

6. **ACADEMIC YEAR.** The academic year begins on the morning of the Wednesday following September 15. The annual Commencement comes in the week including the first Sunday in June. The Christmas recess begins at 1:00 P.M. December 20 (or December 19 if December 20 falls on Sunday), and ends at 8:00 A.M., January 3 (or January 4 if January 3 falls on Sunday). The spring recess begins at 1:00 P.M. of the Saturday in March nearest to March 25, and ends at 8:00 A.M., of Monday nine days later. Thanksgiving Day is a holiday.

7. **TENURE OF OFFICE.** Teachers of all ranks are subject to removal by the Executive Committee, with the approval of the University Trustees, for misconduct or neglect of duty. Teachers may be elected for terms of one, two, three, or four years; or teachers with the rank of professor may be elected without time-limit. Administrative officers are usually elected without time-limit, but the Executive Committee, with the approval of the University Trustees, may remove any officer of the University whenever, in their opinion, he is not properly performing the duties of his office.

8. The bylaws may be amended at any regular meeting of the University Trustees by the affirmative vote of two thirds of the full membership of the Board, provided that the proposed amendment is submitted through the Secretary of the Board to the members at least twenty days before the meeting.

SABBATICAL LEAVE

Sabbatical leave of absence for members of the General Faculty is granted under regulations adopted by the Executive Committee of the Trustees on March 28, 1923, revised in 1928, partly in abeyance in the year 1933-34 and the succeeding three years, and restored in the year 1937-38. The conditions on which sabbatical leave of absence is granted are set forth below.

1. Every member of the General Faculty (composed of professors, associate professors, and assistant professors) is eligible for sabbatical leave after six years in the service of the University. Such leave may be taken for a full year at half salary or a half year at full salary.

2. In order to obtain a sabbatical leave written request for such leave must be filed with the President of the University by December 1 of the academic year preceding the one in which the leave is to take effect.

3. If in exceptional cases it should develop that the granting of leave to an applicant during the year for which application is made would raise very serious difficulties detrimental to the best interests of the applicant's department or school, or the interests of the institution as a whole; or because of questions concerning the applicant's period of service prior to the leave, the President shall appoint a committee which shall have power to decide the question of granting the sabbatical leave for the particular year under consideration. This committee shall consist of five members as follows: two members of the general faculty appointed yearly by the President, the Treasurer of the University, the Dean of the School or college of which the applicant is a member, the chairman of the applicant's department, or should no such chairman exist another member of the applicant's department.

4. If this committee should decide against the granting of a sabbatical leave for the year for which the applicant applied, the applicant would be eligible for sabbatical leave the following year or any year thereafter upon making application in due form as above.

5. After September 1, 1928, if a member of the faculty on becoming eligible for sabbatical leave does not for some special reason apply for such leave, he may count the additional years of service prior to his leave toward the six years of service necessary before he can apply for a subsequent leave. If in an exceptional case an applicant for personal reasons applies for a sabbatical leave to be effective in advance of his regular year and such leave is granted, he shall not be eligible for a subsequent leave until he has served six years plus the number of years by which this leave is advanced.

6. On recommendation of the committee after leave of absence has been granted it may be postponed for urgent reasons and under conditions to be determined by the committee.

7. All those cases which have occurred in the past or which may occur in the future in which leave of absence is granted under conditions where the absentee receives full pay for a half year or half pay or more for a full year's leave of absence shall be considered as regular sabbatical leave under these regulations.

8. These revised regulations became effective as of September 1, 1928, and sabbatical leaves under such regulations began with the academic year 1929-30. The regulations were partly in abeyance in 1933-34, 1934-35, 1935-36, and 1936-37. The restoration of the regulations begins with the academic year 1937-38. The four years, 1933-34, 1934-35, 1935-36, and 1936-37, may not count toward the six years of service necessary before application can be made for leave of absence. In all cases in which special arrangements have been made for the granting of sabbatical leave (as described in condition No. 7) during the period of partial abeyance of the plan, the next six years of service shall be counted as beginning with the academic year 1937-38. All other members of the General Faculty who apply for sabbatical leave may count the years of service they had to their credit at the beginning of the academic year 1933-34.

GOVERNING BODIES AND OFFICERS

EXECUTIVE COMMITTEE OF THE UNIVERSITY

(Consisting of three members from the University Trustees, three from the Endowment Trustees, and the President of the University.)

	Year of Election		
J. F. BRUTON, Chairman.....	1918.....	Wilson,	N. C.
G. G. ALLEN.....	1923.....	New York,	N. Y.
M. E. NEWSOM.....	1917.....	Durham,	N. C.
W. N. REYNOLDS.....	1933.....	Winston-Salem,	N. C.
J. H. SEPARK.....	1929.....	Gastonia,	N. C.
W. R. PERKINS.....	1937.....	New York,	N. Y.
R. L. FLOWERS.....	1923.....	Durham,	N. C.

UNIVERSITY TRUSTEES

Term Expires December 31, 1943

G. G. ALLEN.....	1923.....	New York,	N. Y.
J. H. BARNHARDT.....	1918.....	Raleigh,	N. C.
JAMES A. BELL, Vice-Chairman.....	1920.....	Charlotte,	N. C.
R. G. CHERRY.....	1934.....	Gastonia,	N. C.
R. L. FLOWERS.....	1927.....	Durham,	N. C.
J. P. FRIZZELLE.....	1937.....	Snow Hill,	N. C.
THOMAS M. GRANT.....	1933.....	Greenville,	N. C.
J. R. SMITH.....	1934.....	Mount Airy,	N. C.

FROM THE ALUMNI

B. F. FEW.....	1941.....	New York,	N. Y.
C. F. LAMBETH.....	1915.....	Thomasville,	N. C.
H. B. PORTER.....	1941.....	Wilson,	N. C.
C. K. PROCTOR.....	1935.....	Oxford,	N. C.

Term Expires December 31, 1945

E. S. BOWLING.....	1939.....	New York,	N. Y.
B. C. NALLE.....	1941.....	Charlotte,	N. C.
M. E. NEWSOM.....	1917.....	Durham,	N. C.
W. W. PEELE.....	1921.....	Richmond,	Va.
W. R. PERKINS.....	1924.....	New York,	N. Y.
D. C. ROPER.....	1929.....	Washington,	D. C.
*F. M. WEAVER.....	1909.....	Asheville,	N. C.
B. S. WOMBLE.....	1915.....	Winston-Salem,	N. C.

FROM THE ALUMNI

	Year of Election		
H. R. DWIRE, Ass't. Rec. Secretary.....	1931.....	Durham,	N. C.
N. E. EDGERTON.....	1941.....	Raleigh,	N. C.
R. A. MAYER.....	1897.....	Charlotte,	N. C.
W. A. STANBURY.....	1933.....	Winston-Salem,	N. C.

* Died, January 18, 1942.

Term Expires December 31, 1947

J. F. BRUTON, Chairman.....	1900.....	Wilson,	N. C.
JAMES B. CRAVEN.....	1941.....	Greensboro,	N. C.
D. S. ELIAS.....	1929.....	Asheville,	N. C.
P. H. HANES.....	1912.....	Winston-Salem,	N. C.
J. L. HORNE, JR.....	1934.....	Rocky Mount,	N. C.
*J. A. LONG.....	1915.....	Roxboro,	N. C.
S. B. TURRENTINE.....	1893.....	Greensboro,	N. C.
EARLE W. WEBB.....	1933.....	New York,	N. Y.

FROM THE ALUMNI

S. S. ALDERMAN.....	1934.....	Washington,	D. C.
W. N. REYNOLDS.....	1927.....	Winston-Salem,	N. C.
J. H. SEPARK.....	1916.....	Gastonia,	N. C.
WILLIS SMITH.....	1929.....	Raleigh,	N. C.

ENDOWMENT TRUSTEES

G. G. ALLEN, Chairman.....	1924.....	New York,	N. Y.
W. R. PERKINS, Vice-Chairman.....	1924.....	New York,	N. Y.
N. A. COCKE, Vice-Chairman.....	1924.....	Charlotte,	N. C.
A. H. SANDS, JR., Secretary.....	1924.....	New York,	N. Y.
E. C. MARSHALL, Assistant Secretary.....	1924.....	Charlotte,	N. C.
W. C. PARKER, Treasurer.....	1924.....	New York,	N. Y.
W. B. BELL.....	1924.....	New York,	N. Y.
C. I. BURKHOLDER.....	1924.....	Charlotte,	N. C.
MRS. DORIS DUKE CROMWELL.....	1933.....	New York,	N. Y.
MRS. J. B. DUKE.....	1924.....	New York,	N. Y.
R. L. FLOWERS.....	1926.....	Durham,	N. C.
B. E. GEER.....	1924.....	Greenville,	S. C.
W. S. RANKIN.....	1925.....	Charlotte,	N. C.
W. N. REYNOLDS.....	1931.....	Winston-Salem,	N. C.
W. S. O'B. ROBINSON, JR.....	1932.....	Charlotte,	N. C.

COMMITTEES OF THE UNIVERSITY TRUSTEES

Buildings and Grounds: J. R. SMITH, CHERRY, BARNHARDT.

Business Administration of the University: HANES, *LONG, ELIAS, BOWLING.

Colleges: ALDERMAN, ROPER, HORNE.

Divinity School: PEELE, GRANT, PORTER, EDGERTON.

School of Forestry: DWIRE, NEWSOM, FEW.

Graduate School: WEBB, TURRENTINE, FLOWERS, CRAVEN.

Law School: WILLIS SMITH, WOMBLE, BELL, FRIZZELLE.

Library: STANBURY, HANES, LAMBETH, †WEAVER.

Medical School and Hospital: MAYER, PROCTOR, NALLE.

Physical Education and Intercollegiate Athletics: SEPARK, J. R. SMITH, PROCTOR.

* Died, September 3, 1941.

† Died, January 18, 1942.

OFFICERS OF ADMINISTRATION

GENERAL ADMINISTRATION

FLOWERS, ROBERT LEE, A.M., LL.D. <i>President of the University</i>	West Campus
WANNAMAKER, WILLIAM HANE, A.B., A.M., Litt.D. <i>Vice-President and Dean of the University</i>	West Campus
DWIRE, HENRY RUDOLPH, A.B., A.M. <i>Vice-President and Director of Public Relations and Alumni Affairs</i>	403 Chapel Hill Street
BROWN, FRANK CLYDE, A.B., A.M., Ph.D. <i>Comptroller</i>	410 Buchanan Road
BROWER, ALFRED SMITH, A.B. <i>Administrative Assistant</i>	518 Morehead Avenue

BUSINESS ADMINISTRATION

MARKHAM, CHARLES BLACKWELL, A.B., A.M. <i>Treasurer of the University</i>	204 Dillard Street
JORDAN, CHARLES EDWARD, A.B. <i>Secretary of the University</i>	813 Vickers Avenue
HENRICKSEN, GERHARD CHESTER, A.B., A.M., C.P.A. <i>Assistant Treasurer</i>	216 Forest Wood Drive, Forest Hills
WEATHERSPOON, EVERETT BROADUS, A.B. <i>Assistant Secretary</i>	125 Pinecrest Road

BOY, CARL A. <i>Superintendent of Maintenance, West Campus</i>	2224 Erwin Road
DOOLEY, NELL, R.N. <i>Dietitian, the Union, West Campus</i>	Faculty Apartments, East Campus
GIFT, JOHN C. <i>Superintendent of Maintenance, East Campus</i>	811 Fifth Street
HOOVER, MARY R., MRS. <i>Supervisor of Dormitories, East Campus</i>	Powe Apartments, Buchanan Road
LEA, MRS. BEULAH C. <i>Supervisor of Dormitories, West Campus</i>	1920 Chapel Hill Road
LONG, MRS. R. T. <i>Supervisor of Dormitories, West Campus</i>	705 Shepherd Street
MCDONALD, MRS. FRANCES <i>Supervisor of Dormitories, West Campus</i>	Duke University
MARTIN, LILLY SLADE, MRS. <i>Supervisor of Dormitories, West Campus</i>	2011 Woodrow Street

MOORE, JOHN MEREDITH, A.B. <i>Manager, the Duke University Stores</i>	Prince Street
NORWOOD, G. D., MRS. <i>Dietitian, Southgate Hall</i>	204 Watts Street
OLIVER, HELEN, MRS. <i>Dietitian, the Union, East Campus</i>	Corner Fairview and Wells Street
*SAWYER, OTIS, A.B. <i>Purchasing Agent, Duke University</i>	2010 Club Boulevard
THOMPSON, JAMES EDWARD <i>Manager, the Duke University Dining Halls</i>	504 East Forest Hills Boulevard
TYREE, WILLIAM ALLEN, A.B. <i>Director in the Business Division</i>	610 Buchanan Road
WEGENER, MARY E., MRS. <i>Supervisor of Dormitories, East Campus</i>	Powe Apartments, Buchanan Road
WHITFORD, WILLIAM EDWARD, A.B. <i>Director in the Business Division</i>	804 Third Street

PUBLIC RELATIONS AND ALUMNI AFFAIRS

DWIRE, HENRY RUDOLPH, A.B., A.M. <i>Director of Public Relations and Alumni Affairs</i>	403 West Chapel Hill Street
--	-----------------------------

DUKES, CHARLES AUBREY, A.B. <i>Assistant Director</i>	1309 Oakland Avenue
GARRARD, ANNE, A.B., A.M. <i>Assistant Director, Alumni Affairs</i>	1023 Gloria Avenue
JACKSON, DAVID KELLY, A.B., A.M. <i>Assistant Editor, Duke University Press</i>	626 Swift Avenue
†MANN, GLENN EDWARD, A.B. <i>Manager, Athletics Division, the News Service</i>	2114 Wilson Street
‡RIVERA, RODOLFO OSVALDO, A.B., A.M., Ph.D. <i>Executive Secretary, Duke University Press</i>	205 W. Markham Avenue
*UPCHURCH, WALTER MCGOWAN, JR., A.B., LL.B. <i>Director, Appointments Office</i>	Faculty Apartments
WILKINSON, ALBERT ALEXANDER, A.B. <i>Director, the News Service</i>	1113 Alabama Avenue

EDUCATIONAL ADMINISTRATION

WANNAMAKER, WILLIAM HANE, A.B., A.M., Litt.D. <i>Dean of the University and of Trinity College</i>	West Campus
---	-------------

* Absent on National Defense leave, 1942-1943.

† On leave, U. S. Navy Service.

‡ Resignation effective Sept. 1, 1942.

- BALDWIN, ALICE MARY, A.B., A.M., Ph.D.
Dean of the Woman's College East Campus
- || GREENE, WALTER KIRKLAND, A.B., A.M., Ph.D.
Dean of Undergraduate Instruction Myrtle Drive, West Campus
- HERRING, HERBERT JAMES, A.B., A.M.
Dean of Men Myrtle Drive, West Campus
- MANCHESTER, ALAN KREBS, A.B., A.M., Ph.D.
Dean of Freshmen Myrtle Drive, West Campus
- * CLEAVELAND, FREDERIC NEILL, (1940) A.B.
Assistant Dean of Men East Campus
- SMITH, RUTH SLACK, MRS., A.B., A.M. Faculty Apartments, East Campus
Associate Dean of Undergraduate Instruction, Woman's College
- WILSON, MARY GRACE, A.B.
Dean of Residence, Woman's College Brown House
Head of Brown House
- PERSONS, ELIZABETH ANDERSON, MRS., A.B., A.M. 612 Swift Avenue
Assistant Dean in charge of Freshmen of the Woman's College
Secretary of the Committee on Admissions of the Woman's College
- HALL, WILLIAM HOLLAND, A.B., A.M., B.C.E., M.S.C.E.
Dean of the College of Engineering 922 Urban Avenue
-
- HOOVER, CALVIN BRYCE, A.B., Ph.D., Litt.D. 1702 Duke University Road
Dean of the Graduate School of Arts and Sciences
- DELAFLANE, WALTER HAROLD, A.B., A.M., Ph.D. 214 Swift Avenue
Assistant to the Dean of the Graduate School
- RUSSELL, ELBERT, A.B., A.M., Ph.D., Litt.D. 804 Fourth Street
Dean Emeritus of the Divinity School
- GARBER, PAUL NEFF, A.B., A.M., Ph.D. West Campus
Dean of the Divinity School
- HORACK, HUGO CLAUDE, Ph.B., LL.B., LL.D. 2021 Myrtle Drive, West Campus
Dean of the School of Law
- DAVISON, WILBURT CORNELL, A.B., B.A., B.Sc., A.M., D.Sc., M.D. Hope Valley
Dean of the School of Medicine
- PINKERTON, MARGARET ISABEL, (1939) R.N., B.S. Nurses Home
Dean of the School of Nursing
- † BAKER, BESSIE, R.N., B.S. Baltimore, Md.
Dean Emeritus of the School of Nursing
- ‡ KORSTIAN, CLARENCE FERDINAND, B.S.F., M.F., M.A., Ph.D. 1718 Duke University Road
Dean of the School of Forestry
- HOLTON, HOLLAND, A.B., J.D. 809 Watts Street
Director of the Summer Session
-
- COLEMAN, MARGARET, A.B., A.M. 918 Urban Avenue
Recorder, Trinity College
- KENDALL, HELEN MILDRED, A.B. 1105 Virginia Avenue
Registrar, School of Law

|| Resigned, June 30, 1942.

* Absent on National Defense leave, 1942-1943.

† Died, June 25, 1942.

‡ Absent on sabbatical leave, first semester, 1942-1943.

- *KESTLER, MARY, A.B., A.M.
Assistant Dean of Residence, Woman's College Jarvis House
Head of Jarvis House
- SEABOLT, LOUISE, A.B., A.M.
Recorder, Woman's College Faculty Apartments

INSTRUCTIONAL STAFF

This alphabetical list includes all members of the various faculties of the University. The date denotes the first year of service.

- ADAMS, DONALD KEITH, (1931) A.B., M.A., Ph.D.
Associate Professor of Psychology Cornwallis Road
- ADDOMS, RUTH MARGERY, (1930) B.A., M.A., Ph.D.
Associate Professor of Botany 1003 Lamond Avenue
- ADKINS, TROGLER FRANCIS, (1937) M.D.
Instructor in Obstetrics and Gynecology Aycock Apartments
- ALEXANDER, LEO, (1941) A.B., M.D.
Associate Professor of Neuropsychiatry 2122 Myrtle Drive
- ALLEN, CLARK LEE, (1941) A.B., A.M.
Instructor in Economics 910 Arnette Avenue
- *ALLEN, DON CAMERON, (1938) A.B., Ph.D.
Associate Professor of English 701 Club Boulevard
- ALTVATER, F. VERNON, (1930) A.B., A.M.
Associate in Hospital Administration Route 2, Hillsboro, N. C.
- ALYEA, EDWIN PASCAL, (1930) S.B., M.D.
Clinical Professor of Urology Hope Valley
- ANDERSON, LEWIS EDWARD, (1936) B.S., A.M., Ph.D.
Instructor in Botany 2016 Myrtle Drive
- ANDERSON, NORMAN LARUE, (1941) A.B., M.D.
Instructor in Endocrinology Duke Hospital
- ANDERSON, WILLIAM BANKS, (1930) A.B., M.D. 503 E. Forest Hills Blvd.
Associate Professor of Surgery in Charge of Ophthalmology
- ARENA, JAY MORRIS, (1933) B.S., M.D.
Assistant Professor of Pediatrics 2032 Club Boulevard
- ARNOLD, RALPH A., (1936) B.A., M.D.
Instructor in Otolaryngology and Ophthalmology University Apartments
- ASHBY, JULIAN WARRINGTON, (1941) M.D.
Lecturer in Neuropsychiatry Raleigh, N. C.
- ATWOOD, THEODORE W., (1934) A.B., D.M.D.
Associate in Dentistry Allenton Apartments
- AUGUSTINE, ROBERT WILLIAM, (1940) B.S., M.D.
Instructor in Orthopaedics 515 S. Duke Street
- AYCOCK, THOMAS MALCOLM, (1937) B.S., M.S.
Assistant Professor of Physical Education 1404 Alabama Avenue
- BAITY, HERMAN GLENN, (1938) Sc.D.
Lecturer in Public Health Chapel Hill, N. C.
- †BAKER, BESSIE, (1930) R.N., B.S.
Dean of the School of Nursing and Professor of Nursing Education, Emeritus Baltimore, Md.

* Resigned, June 30, 1942.

† Died, June 25, 1942.

- BAKER, LENOX DIAL, (1937) M.D.
Assistant Professor of Surgery in charge of Orthopaedics Hope Valley
- BAKER, ROGER DENIO, (1930) A.B., M.D.
Assistant Professor of Pathology 1111 Watts Street
- BALDWIN, ALICE MARY, (1923) A.B., A.M., Ph.D.
Professor of History and Dean of the Woman's College East Campus
- BARKER, RUTH ELIZABETH, (1940) A.B., M.S.
Instructor in Medical Social Service 1507 W. Pettigrew Street
- BAUM, PAULL FRANKLIN, (1922) A.B., A.M., Ph.D.
Professor of English 112 Pinecrest Road
- BAYLIN, GEORGE JAY, (1939) A.B., M.D.
Instructor in Anatomy and Radiology 2260 Cranford Road
- BEAL, JAMES ALLEN, (1939) B.S., M.S., Ph.D.
Professor of Forest Entomology 2232 Cranford Road
- BEARD, JOSEPH W., (1937) B.S., M.D.
Assistant Professor of Surgery in charge of Experimental Surgery Hillsboro, N. C.
- BERNHEIM, FREDERICK, (1930) A.B., Ph. D. Woodridge Drive, Rockwood
Associate Professor of Physiology and Pharmacology
- BERNHEIM, MARY LILIAS CHRISTIAN, Mrs., (1930) B.A., M.A., Ph.D.
Assistant Professor of Biochemistry Woodridge Drive, Rockwood
- BERRY, EDWARD WILLARD, (1936) A.B., Ph.D.
Associate Professor of Geology 1003 N. Gregson Street
- BERRY, THOMAS SENIOR, (1935) S.B., M.A., Ph.D.
Instructor in Economics 100 Vineyard Street
- BIGELOW, LUCIUS AURELIUS, (1929) S.B., Ph.D.
Professor of Chemistry 131 Pinecrest Road
- BILLIG, OTTO, (1941) M.D.
Instructor in Neuropsychiatry Duke Hospital
- BIRD, HAROLD CRUSIUS, (1926) Ph.B., C.E.
Professor of Civil Engineering 1209 Virginia Avenue
- *BLACK, MARTIN LEE, JR., (1930) A.B., M.B.A., C.P.A.
Associate Professor of Accounting 135 Pinecrest Road
- BLACKBURN, WILLIAM MAXWELL, (1926) A.B., B.A., M.A.
Associate Professor of English 715 Anderson Street
- BLANCO, IGNACIO MATTE, (1941) B.Hum., M.B., M.D.
Lecturer in Psychiatry Duke Hospital
- BLOMQUIST, HUGO LEANDER, (1920) B.S., Ph.D.
Professor of Botany 922 Demerius Street
- †BOAS, RALPH PHILIP, JR. (1939) A.B., Ph.D.
Instructor in Mathematics 2708 Legion Avenue
- BOLICH, WILLIAM BRYAN, (1927) A.B., B.A. (Juris.) M.A., B.C.L.
Professor of Law Hope Valley
- BONNER, LYMAN GAYLORD, (1937) A.B., Ph.D.
Instructor in Physics 2708 Nation Avenue
- BOOKHOUT, CAZLYN GREEN, (1935) A.B., A.M., Ph.D.
Assistant Professor of Zoology 1307 Alabama Avenue

* Absent on leave, 1941-1942.

† Absent on National Defense leave, 1942-1943.

- BRADFORD, WILLIAM ZIEGLER, (1935) B.S., M.D.
*Assistant Professor of Obstetrics and Gynecology and
Director, Outside Obstetric Service* Charlotte, N. C.
- BRADSHER, CHARLES KILGO, (1939) A.B., M.A., Ph.D.
Instructor in Chemistry 2020 Wilson Street
- BRADWAY, JOHN SAEGER, (1931) A.B., A.M., LL.B.
Professor of Law 2621 Stuart Drive
- BRANSCOMB, BENNETT HARVIE, (1925) A.B., B.A., M.A., Ph.D., Litt.D.
Professor of New Testament Language and Literature
Chelsea Circle, Hope Valley
- BRICE, ASHBEL GREEN, (1939) A.B., A.M.
Instructor in English 814 Sixth Street
- BRIDGERS, FURMAN ANDERSON, (1926) A.B., A.M.
Assistant Professor of Romance Languages 1325 Arnette Avenue
- BROADHEAD, EDWARD HALL, (1933) A.B., A.M., M.M.
Instructor in Music 1015 Dacian Avenue
- BROWN, FRANCES, (1931) A.B., Ph.D.
Assistant Professor of Chemistry 205 Jones Street
- BROWN, FRANK CLYDE, (1909) A.B., A.M., Ph.D.
Professor of English 410 Buchanan Road
- BROWN, HAROLD WILLIAM, (1938) A.B., M.S., Sc.D., Dr.P.H., M.D.
Professor of Preventive Medicine and Public Health Chapel Hill, N. C.
- BROWNE, WILLIAM ARTHUR, (1930) A.B., A.M., Ph.D., LL.D.
Professor of Educational Psychology Hope Valley
- BRUINSMA, HENRY A., (1938) B.M., M.M.
Instructor in Music Devon Road, Hope Valley
- BRYSON, THADDEUS DILLARD, (1928) LL.D.
Professor of Law Hope Valley
- CALLAWAY, JASPER LAMAR, (1937) B.S., M.D.
*Assistant Professor of Medicine in charge of
Dermatology and Syphilology* 828 Anderson Street
- CANNON, JAMES, III, (1919) A.B., A.M., Th.B., Th.M., D.D.
Ivey Professor of History of Religion and Missions 619 Morehead Avenue
- CARLITZ, LEONARD, (1932) A.B., A.M., Ph.D.
Associate Professor of Mathematics 2303 Cranford Road
- CARPENTER, DAVID WILLIAMS, (1929) A.B., A.M., Ph.D.
Assistant Professor of Physics 137 Pinecrest Road
- CARR, JOHN WINDER, JR., (1926) A.B., A.M., Ph.D.
Professor of Education 926 Monmouth Avenue
- *CARROLL, EBER MALCOLM, (1923) A.B., A.M., Ph.D.
Professor of History University Apartments
- *CARROLL, ROBERT SPROUL, (1941) M.D.
Lecturer in Neuropsychiatry Asheville, N. C.
- CARROLL, R. CHARMAN, (1940) A.B., M.D.
Instructor in Psychiatry Duke Hospital
- CARTER, BAYARD, (1931) A.B., B.A., M.A., M.D.
Professor of Obstetrics and Gynecology Myrtle Drive, West Campus

* Absent on National Defense leave, 1942-1943.

- CARTER, RICHARD RUTLEDGE, (1938) B.A., M.D.
Instructor in Neurology Duke Hospital
- CAVERS, DAVID FARQUHAR, (1931) B.S., LL.B.
Professor of Law Sylvan Road
- *CHAPMAN, ROBERT G., (1936) B.S. in M.E., M.M.E.
Assistant Professor of Mechanical Engineering 1007 Lakewood Avenue
- CHILDS, BENJAMIN GUY, (1924) B.A., M.A.
Professor of Education 1019 West Markham Avenue
- CLARK, ELON HENRY, (1934)
Instructor in Art and Photography as Applied to Medicine 2802 Legion Avenue
- CLARK, KENNETH WILLIS, (1931) A.B., B.D., Ph.D.
Assistant Professor of New Testament Language and Literature 1308 Markham Avenue
- CLAY, ALFRED THOMAS, (1941) B.S., A.M., Captain, U. S. Navy, Retired
Professor of Naval Science and Tactics 912 Shepherd Street
- CLYDE, PAUL HIBBERT, (1937) A.B., A.M., Ph.D.
Professor of History Faculty Apartments
- COILE, THEODORE STANLEY, (1935) B.S.F., M.F., Ph.D.
Associate Professor of Forest Soils 2716 University Drive
- †COLE, ROBERT TAYLOR, (1935) A.B., A.M., Ph.D.
Associate Professor of Political Science 7 Sylvan Road
- CONANT, NORMAN FRANCIS, (1935) B.S., A.M., Ph.D.
Assistant Professor of Bacteriology and Mycology Tuscaloosa Forest
- CONSTANT, FRANK WOODBRIDGE, (1930) B.S., Ph.D.
Assistant Professor of Physics 2701 Legion Avenue
- COOLIDGE, THOMAS BUCKINGHAM, (1935) B.A., Ph.D., M.D.
Assistant Professor of Biochemistry 312 Buchanan Road
- COWPER, FREDERICK AUGUSTUS GRANT, (1918) A.B., A.M., Ph.D.
Professor of Romance Languages 1017 Dacian Avenue
- CRAIG, ROBERT LAWRENCE, (1938) B.A., M.D.
Instructor in Neurology 919 Monmouth Avenue
- CRAVEN, ERLE BULLA, JR., (1937) A.B., M.D.
Associate in Medicine Winston-Salem, N. C.
- †CRISPELL, RAYMOND S., (1933) A.B., M.D.
Associate Professor of Neuropsychiatry Myrtle Drive, West Campus
- CRUM, MASON, (1930) A.B., Ph.D.
Assistant Professor of Biblical Literature 912 Anderson Street
- *CULBRETH, SARAH ELIZABETH, (1938) A.B., A.M., Ph.D.
Instructor in Zoology 801 Third Street
- CUNNINGHAM, BERT, (1916) B.S., M.S., Ph.D.
Professor of Biology 1200 Markham Avenue
- CUSHING, JEAN GEORGE N., (1941) B.S., M.D.
Instructor in Neuropsychiatry Pine Bluff, N. C.
- CUSHING, MARY EYMAN MCKINNISS, (1941) B.S., M.D.
Instructor in Neuropsychiatry Pine Bluff, N. C.
- CUYLER, W. KENNETH, (1938) B.A., M.A., Ph.D.
Research Instructor in Endocrinology Randolph Road

* Resigned, June 30, 1942.

† Absent on National Defense leave.

- DANN, WILLIAM JOHN, (1934) B.S., Ph.D.
Associate Professor of Physiology and Nutrition 113 Pinecrest Road
- DAVIS, GIFFORD, (1930) A.B., A.M., Ph.D.
Assistant Professor of Romance Languages 2015 Wa Wa Avenue
- DAVISON, WILBURT CORNELL, (1927) A.B., B.A., B.Sc., M.A., D.Sc., M.D.
Professor of Pediatrics and Dean of the School of Medicine Hope Valley
- DEES, JOHN ESSARY, (1939) B.S., M.D.
Associate in Urology 1012 Green Street
- DEES, SUSAN COONS, (1939) A.B., M.S., M.D.
Instructor in Pediatrics 1012 Green Street
- DELAPLANE, WALTER HAROLD, (1934) A.B., A.M., Ph.D.
Assistant Professor of Economics 214 Swift Avenue
- DE VYVER, FRANK TRAVER, (1935) A.B., A.M., Ph.D.
Associate Professor of Economics 8 Sylvan Road
- DICK, MACDONALD, (1932) B.A., M.A., M.D.
Associate in Medicine, Physiology, and Pharmacology Hope Valley Road
- DOW, MARIE, MME., (1934) L. ès L., M.A.
Instructor (Part-time) in French 1411 Arcadia Street
- DOW, NEAL, (1934) A.B., M.A., Ph.D.
Instructor in Romance Languages 1411 Arcadia Street
- DRESSEL, FRANCIS GEORGE, (1929) B.S., M.S., Ph.D.
Assistant Professor of Mathematics 309 Francis Street
- DUBS, HOMER HASENPFLUG, (1937) A.B., A.M., B.D., Ph.D.
Acting Professor of Philosophy 2415 Club Boulevard
- DUKE, KENNETH LINDSAY, (1940) A.B., Ph.D.
Instructor in Anatomy 2112 Englewood Avenue
- DURLAND, ARTHUR CHARLES, (1942) B.S., M.S.
Instructor in Mechanical Engineering Duke University
- EADIE, GEORGE SHARP, (1930) M.A., M.B., Ph.D.
Professor of Physiology and Pharmacology Hope Valley
- EAGLE, WATT WEEMS, (1930) A.B., M.D.
Associate Professor of Surgery in charge of Otolaryngology 804 Anderson Street
- EASLEY, ELEANOR BEAMER, (1934) B.A., M.A., M.D.
Instructor in Obstetrics and Gynecology Guess Road
- *EASLEY, HOWARD, (1930) A.B., M.A., Ph.D.
Assistant Professor of Education Guess Road
- EDWARDS, CHARLES WILLIAM, (1898) A.B., A.M., M.S.
Professor of Physics 406 Buchanan Road
- EIDAM, MARY, (1941) B.M.
Instructor in Music 1010 W. Trinity Avenue
- *EITEMAN, WILFORD J., (1937) A.B., A.M., Ph.D.
Assistant Professor of Economics 126 Pinecrest Road
- ELLIOTT, WILLIAM WHITFIELD, (1925) B.A., M.A., Ph.D.
Profcssor of Mathematics 1404 Arnette Avenue
- ELLWOOD, CHARLES ABRAM, (1930) Ph.B., Ph.D., LL.D.
Professor of Sociology Pinecrest Road
- EPPELSON, JESSE HARRISON, (1930) B.S.
Instructor in Preventive Medicine and Public Health 1601 Hermitage Court

* Absent on National Defense leave, 1942-1943.

- ERICKSON, CYRUS CONRAD, (1937) B.S., B.M., M.D.
Associate in Pathology University Apartments
- EVANS, FRANCIS GAYNOR, (1941) A.B., A.M., Ph.D.
Instructor in Zoology 13 Powe Apartments
- EVERETT, JOHN WENDELL, (1932) A.B., Ph.D.
Assistant Professor of Anatomy 2605 University Drive
- *FERGUSON, ARTHUR BOWLES, (1939) A.B., Ph.D.
Instructor in History 1104 Watts Street
- FERGUSON, GEORGE BURTON, (1937) M.Sc. (Med.), M.D.
Associate in Bronchoscopy Beverly Apartments
- FINKELSTEIN, HAROLD, (1931) B.S., M.D.
Assistant Professor of Surgery Erwin Apartments
- FITZGERALD, WILLIAM STONE, (1935) A.B., A.M.
Instructor in English 3 Powe Apartments, 603 Watts Street
- FORBUS, WILEY DAVIS, (1930) A.B., M.D.
Professor of Pathology Hope Valley
- FOX, HERBERT JUNIUS, (1940) M.D.
Instructor in Medicine Indian Trail
- FUGATE, ROBERT CARSON, (1938) M.D.
Instructor in Otolaryngology and Ophthalmology Duke Hospital
- GARBER, PAUL NEFF, (1924) A.B., A.M., Ph.D. Myrtle Drive, West Campus
Professor of Church History and Dean of the Divinity School
- GARDNER, CLARENCE ELLSWORTH, JR., (1930) A.B., M.D.
Associate Professor of Surgery Hope Valley
- GARRARD, ROBERT L., (1941) A.B., M.S., B.S., M.D.
Instructor in Neuropsychiatry 1000 Hale Street
- GATES, ARTHUR MATHEWS, (1909) A.B., A.M., Ph.D.
Assistant Professor of Latin 1030 West Trinity Avenue
- GERGEN, JOHN JAY, (1936) A.B., M.A., Ph.D.
Professor of Mathematics 1005 Monmouth Avenue
- GIBSON, WILLIAM MARION, (1934) A.B., A.M., Ph.D.
Assistant Professor of Political Science 2014 Wilson Street
- GILBERT, ALLAN, (1920) B.A., A.M., Ph.D.
Professor of English 516 Carolina Circle
- GILBERT, KATHARINE EVERETT, (1930) A.B., A.M., Ph.D., Litt.D.
Professor of Philosophy 516 Carolina Circle
- GILLIN, JOHN, (1941) A.B., A.M., Ph.D.
Associate Professor of Anthropology 1503 Alabama Avenue
- GLASSON, WILLIAM HENRY, (1902) Ph.B., Ph.D., LL.D.
Professor of Political Economy and Social Science, Emeritus
710 Buchanan Road
- GOHDES, CLARENCE, (1930) A.B., A.M., Ph.D.
Professor of English 2614 Stuart Drive
- GOTAAS, HAROLD BENEDICT, (1938) B.S., M.S., S.M.
Instructor in Public Health Chapel Hill, N. C.
- GRAHAM, WILLIAM ALEXANDER, (1939) A.B., M.D.
Instructor in Obstetrics and Gynecology Beverly Apartments

* Absent on National Defense leave, 1942-1943.

- GRAVES, ROBERT WILLIAMS, (1936) B.S., M.A., M.D.
Assistant Professor of Neurology Cornwallis Road
- GRAY, IRVING EMERY, (1930) B.S., M.S., Ph.D.
Associate Professor of Zoology 124 Pinecrest Road
- *GREENE, WALTER KIRKLAND, (1928) A.B., A.M., Ph.D.
Professor of English and Dean of Undergraduate Instruction
Myrtle Drive, West Campus
- GREENHILL, MAURICE H., (1940) A.B., M.D.
Associate in Neuropsychiatry 2227 Cranford Road
- *GREENWOOD, JOSEPH, (1930) A.B., A.M., Ph.D.
Assistant Professor of Mathematics 1314 Norton Street
- GRIMSON, KEITH S., (1942) B.A., B.S., M.D.
Associate in Surgery Duke University
- GROSS, PAUL MAGNUS, (1919) B.S., A.M., Ph.D.
William Howell Pegram Professor of Chemistry Hope Valley
- GROUT, JULIA REBECCA, (1924) A.B., M.S.
Assistant Professor of Physical Education, Woman's College 207 Jones Street
- GROVES, ERNEST RUTHERFORD, (1938) A.B., B.D., Litt.D., Research Professor
of Sociology at the University of North Carolina
Lecturer on Sociology, second half-year
- †HALL, FRANK GREGORY, (1926) A.B., A.M., Ph.D.
Professor of Zoology 122 Pinecrest Road
- HALL, LOUISE, (1931) B.A., S.B. in Architecture, Brevet d'Art de la Sorbonne
Assistant Professor of Fine Arts 210 Faculty Apartments
- HALL, SNOWDEN COWMAN, (1937) A.B., M.D.
Instructor in Medicine Danville, Va.
- HALL, WILLIAM HOLLAND, (1915) A.B., A.M., B.C.E., M.S.C.E.
Professor of Engineering and Dean of the College of Engineering
922 Urban Avenue
- HAMBLÉN, EDWIN CROWELL, (1931) B.S., M.D.
Associate Professor of Obstetrics and Gynecology 810 Forest Hills Blvd.
- HAMILTON, EARL JEFFERSON, (1927) B.S., A.M., Ph.D.
Professor of Economics 1015 Demerius Street
- HAMILTON, WILLIAM BASKERVILLE, JR., (1936) A.B., A.M., Ph.D.
Assistant Professor of History 2256 Cranford Road
- HANDLER, PHILIP, (1939) B.S., M.S., Ph.D.
Associate in Physiology and Pharmacology 924 Green Street
- HANES, FREDERIC MOIR, (1930) A.B., A.M., M.D.
Florence McAlister Professor of Medicine 2127 Myrtle Drive, West Campus
- HANSEN-PRÜSS, OSCAR CARL EDVARD, (1930) A.B., M.D.
Associate Professor of Medicine in charge of Clinical Microscopy
3 Surry Road, Hope Valley
- HARGITT, GEORGE THOMAS, (1930) Ph.B., A.M., Ph.D., Sc.D.
Professor of Zoology 811 Watts Street
- HARRAR, ELWOOD SCOTT, (1936) B.S., M.S., Ph.D.
Associate Professor of Wood Technology 2228 Cranford Road

* Resigned, June 30, 1942.

† Absent on National Defense leave, 1942-1943.

- HARRIS, JEROME SYLVAN, (1936) A.B., M.D.
Assistant Professor of Pediatrics and Biochemistry Erwin Apartments
- HART, DERYL, (1930) A.B., A.M., M.D.
Professor of Surgery Duke University Road and Highway 751
- HART, HORNELL NORRIS, (1938) A.B., M.A., Ph.D.
Professor of Sociology Randolph Road
- HARWELL, GEORGE CORBIN, (1935) A.B., A.M., Ph.D.
Instructor in English 2020 Pershing Street
- *HASBROUCK, FRANCIS MAHLON, (1935) A.B., Ph.D.
Assistant Professor of Romance Languages 1005 Homer Street
- HATLEY, CHARLES CLEVELAND, (1917) A.B., A.M., Ph.D.
Professor of Physics 708 Buchanan Road
- HAUSER, CHARLES ROY, (1929) B.S., M.S., Ph.D.
Associate Professor of Chemistry 1020 Rose Hill Avenue
- *HEBB, MALCOLM HAYDEN, (1938) A.B., Ph.D.
Instructor in Physics 137 Pinecrest Road
- HEMPHILL, JAMES EUGENE, (1940) B.A., M.D.
Instructor in Radiology 2103 Pershing Street
- HENDERSON, ALFRED FAXON, (1938) A.B., M.D.
Instructor in Urology Vance Apartments
- HENDRIX, JAMES PAISLEY, (1938) B.S., M.A., M.D.
Associate in Medicine 144 Pinecrest Road
- HERRING, HERBERT JAMES, (1924) A.B., A.M. Myrtle Drive, West Campus
Assistant Professor in Speech and Dean of Men
- HESSER, FREDERICK HARRISON, (1941) A.B., M.D.
Instructor in Neurology University Apartments
- HETHERINGTON, DUNCAN CHARTERIS, (1930) A.B., M.A., Ph.D., M.D.
Associate Professor of Anatomy Hope Valley
- HICKMAN, FRANKLIN SIMPSON, (1927) A.B., S.T.B., A.M., Ph.D.
*Professor of Preaching and the Psychology of Religion and
Dean of the Chapel* 823 Buchanan Rd.
- HICKSON, ARTHUR OWEN, (1929) A.B., A.M., Ph.D.
Assistant Professor of Mathematics 208 Legion Avenue, Tuscaloosa Forest
- HILL, DOUGLAS, (1931) A.B., M.A., Ph.D.
Assistant Professor of Chemistry Dixon Road
- HINTON, WILLIAM ARTHUR, (1942) B.S. in M.E., M.S. in M.E.
Assistant Professor of Mechanical Engineering Duke University
- HITCH, JOSEPH M., (1938) A.B., M.S., M.D.
Instructor in Dermatology and Syphilology Chapel Hill, N. C.
- HOBBS, MARCUS EDWIN, (1935) A.B., A.M., Ph.D.
Instructor in Chemistry 115 Pinecrest Road
- HOFFER, JERRY, (1941) B.S., M.S. in A.E.
Instructor in Aeronautics 602 Buchanan Road
- HOLLINSHEAD, WILLIAM HENRY, (1930) B.A., M.S., Ph.D.
Assistant Professor of Anatomy 2307 Prince Street

* Absent on National Defense leave, second semester, 1942-1943.

- HOLTON, HOLLAND, (1912) A.B., J.D.
*Professor of the History and Science of Education and
 Director of the Summer Session* 809 Watts Street
- HON, RALPH C., (1941) A.B., A.M., Ph.D.
Visiting Professor of Economics 127 Pinecrest Road
- HOOVER, CALVIN BRYCE, (1925) A.B., Ph.D., Litt.D.
*Professor of Economics and Dean of the Graduate School of
 Arts and Sciences* 1702 Duke University Road
- HORACK, HAROLD MACLACHLAN, (1940) M.D.
Instructor in Medicine 1021 Sprunt Street
- HORACK, HUGO CLAUDE, (1930) Ph.B., LL.B., LL.D.
Professor of Law and Dean of the School of Law
 2021 Myrtle Drive, West Campus
- HOWARD, JAMES O'BRIEN, (1942) A.B., Ph.D.
Instructor in Political Science
- HUBBELL, JAY BROADUS, (1927) A.B., A.M., Ph.D.
Professor of English 121 Pinecrest Road
- IRVING, WILLIAM HENRY, (1936) B.A., B.A. (Oxon.), M.A., Ph.D.
Professor of English 2705 Legion Avenue
- JEFFERS, KATHERINE R., (1937) A.B., A.M., Ph.D.
Assistant Professor of Zoology 1507 West Pettigrew Street
- JENSEN, HOWARD EIKENBERRY, (1931) A.B., A.M., B.D., Ph.D.
Professor of Sociology 143 Pinecrest Road
- JOHNSON, MYCHYLE W., (1937) A.B., Ph.D.
Assistant Professor of Zoology 2108 Sprunt Street
- JOHNSTON, CHRISTOPHER, (1930) A.B., M.D.
Assistant Professor of Medicine 1417 W. Pettigrew Street
- *JONES, ROBERT RANDOLPH, JR., (1930) A.B., M.D.
Assistant Professor of Surgery Anderson Street
- JONES, THOMAS T., (1937) A.B., M.D.
Instructor in Medicine 1919 Club Boulevard
- JORDAN, ARCHIBALD CURRIE, (1925) A.B., A.M.
Assistant Professor of English Pinecrest Road, Corner U. S. Highway No. 751
- JORDAN, BRADY RIMBEY, (1927) Litt.B., Ph.D.
Professor of Romance Languages 117 Pinecrest Road
- †KEECH, JAMES MAYNARD, (1931) A.B., A.M., Ph.D.
Instructor in Economics 2803 Nation Avenue
- †KEMP, EDWARD H., (1940) A.B., Ph.D.
Assistant Professor of Psychology 1403 Oakland Avenue
- KEMP, MALCOLM D., (1937) M.D.
Instructor in Neuropsychiatry Pine Bluff, N. C.
- KEMPNER, WALTER, (1934) M.D.
Assistant Professor of Medicine Washington Duke Hotel
- KLEIN, JAMES RAYMOND, (1930) A.B., Ph.D.
Instructor in Biochemistry 807 Green Street
- KOCH, SIGMUND, (1942) A.B., A.M.
Instructor in Psychology Duke University

* Died November 18, 1941.

† Absent on National Defense leave, first semester, 1942-1943.

- KOHN, HENRY IRVING, (1937) A.B., Ph.D. 206 East Woodridge Drive
Assistant Professor of Physiology and Pharmacology
- *KORSTIAN, CLARENCE FERDINAND, (1930) B.S.F., M.F., M.A., Ph.D.
Professor of Silviculture and Dean of the School of Forestry
1718 Duke University Road
- KRAMER, PAUL JACKSON, (1931) A.B., M.Sc., Ph.D.
Associate Professor of Botany 2251 Cranford Road
- KRAYBILL, EDWARD K., (1939) B.S. in E.E.
Instructor in Electrical Engineering 113 Watts Street
- KRUMMEL, CHARLES ALBERT, (1922) Ph.B., Ph.M., Ph.D.
Professor of German 2118 Englewood Avenue
- LONDON, CHARLES EDWARD, (1926) A.B., A.M., Ph.D.
Assistant Professor of Economics 1514 Edgevale Road
- †LANNING, JOHN TATE, (1927) A.B., A.M., Ph.D.
Associate Professor of History Hope Valley
- LAPRADE, WILLIAM THOMAS, (1909) A.B., Ph.D.
Professor of History 1108 Monmouth Avenue
- LATTY, ELVIN REMUS, (1937) B.S., J.D., J.Sc.D.
Professor of Law 2020 Wilson Street
- LAWSON, ROBERT BARRETT, (1940) A.B., M.D.
Associate in Pediatrics Chapel Hill, N. C.
- LEARY, LEWIS, (1941) B.S., A.M., Ph.D.
Assistant Professor of English 1001 West Trinity Avenue
- LEMERT, BEN FRANKLIN, (1930) B.Sc. in Bus. Admin., M.A., Ph.D.
Assistant Professor of Economic Geography 123 Pinecrest Road
- LEONARD, HENRY SIGGINS, (1937) A.B., A.M., Ph.D.
Associate Professor of Philosophy 107 Pinecrest Road
- LESTER, RICHARD ALLEN, (1940) Ph.B., M.A., Ph.D.
Assistant Professor of Economics 626 Swift Avenue
- LEWIS, LEROY, (1935) A.B., A.M.
Instructor in Speech 1517 North Duke Street
- LEWIS, RALPH ELTON, (1941) B.S., M.S. in M.E.
Assistant Professor of Mechanical Engineering 1308 Markham Avenue
- ‡LINEBARGER, PAUL MYRON ANTHONY, (1937) A.B., M.A., Ph.D.
Assistant Professor of Political Science 1502 Bivins Street
- LONDON, ARTHUR HILL, JR., (1932) B.S., M.D.
Instructor in Pediatrics 619 Morehead Avenue
- LONDON, FRITZ, (1938) Ph.D., Docteur ès Sciences of the University of Paris
Professor of Theoretical Chemistry 1508 Oakland Avenue
- LOVELL, DURWARD LEE, (1937) M.D.
Instructor in Surgery 1115 W. Chapel Hill Boulevard
- LÖWENBACH, HANS, (1940) M.D.
Assistant Professor of Neuropsychiatry and Physiology 1516 Edgevale Road
- LOWNDES, CHARLES LUCIEN BAKER, (1934) A.B., LL.B., S.J.D.
Professor of Law 2016 Club Boulevard
- LUND, JOHN JORGENSEN, (1939) A.B., Ph.D., Certificate of Librarianship
Librarian 921 Monmouth Avenue

* Absent on sabbatical leave, first semester, 1942-1943.

† Absent on sabbatical leave, second semester, 1941-1942.

‡ Absent on National Defense leave, 1942-1943.

- *LUNDEBERG, OLAV K., (1931) A.B., A.M., Ph.D.
Associate Professor of Romance Languages 127 Pinecrest Road
- LUNDHOLM, HELGE, (1930) Fil. Kand., Fil. Lic., Ph.D.
Professor of Psychology 803 Second Street
- LYMAN, RICHARD S., (1940) B.A., M.D.
Professor of Neuropsychiatry 812 Anderson Street
- MCBRYDE, ANGUS, (1931) B.S., M.D.
Assistant Professor of Pediatrics 1522 Hermitage Court
- MCCAIN, PAUL PRESSLY, (1933) A.B., M.D.
Assistant Professor of Medicine Southern Pines, N. C.
- MCCLOY, SHELBY THOMAS, (1927) A.B., M.A., B.A., B.Litt., Ph.D.
Assistant Professor of History Vineyard Street, Tuscaloosa Forest
- MCCREA, FORREST DRAPER, (1930) B.S., M.S., Ph.D.
Associate Professor of Physiology and Pharmacology 1023 Demerius Street
- MCDERMOTT, MALCOLM, (1930) A.B., LL.B.
Professor of Law East Campus
- MCDONALD, ALEXANDER DONALD, (1936) A.B., M.F.A.
Assistant Professor of Fine Arts University Apartments
- MCLARTY, FURMAN GORDON, (1933) A.B., B.A., A.M., Ph.D.
Instructor in Philosophy Hillsboro, N. C.
- †MAGGS, DOUGLAS BLOUNT, (1930) A.B., J.D., S.J.D.
Professor of Law Hope Valley
- MAKEPEACE, ALEXANDER WATTS, (1941) M.D.
Associate in Obstetrics and Gynecology Chapel Hill, N. C.
- MANCHESTER, ALAN KREBS, (1929) A.B., A.M., Ph.D.
Assistant Professor of History and Dean of Freshmen Myrtle Drive, West Campus
- MANNING, ISAAC HALL, JR., (1939) A.B., M.D.
Instructor in Medicine University Apartments
- MARTIN, DONALD STOVER, (1932) A.B., M.D.
Associate Professor of Bacteriology and Associate in Medicine 2208 Pershing Street
- MARTIN, ELSIE WILSON, MRS., (1930) A.B., M.S.
Professor of Dietetics 206 Faculty Apartments, East Campus
- MAUGHAN, WILLIAM, (1931) B.S., M.F.
Associate Professor of Forest Management 5 Sylvan Road
- MAXWELL, WILLIAM CARY, (1930) A.B., A.M., Ph.D.
Assistant Professor of German 142 Pinecrest Road
- MEIER, OTTO, JR., (1934) B.S. in E.E., M.S., E.E.
Assistant Professor of Electrical Engineering 916 Monmouth Avenue
- MENEFFEE, ELIJAH EUGENE, JR., (1940) B.S. in Med., M.D.
Instructor in Medicine and Bacteriology 2314 Woodrow Street
- MILAM, DANIEL FRANKLIN, (1939) A.B., M.P.H., M.D.
Associate in Preventive Medicine and Public Health Duke Hospital
- MITCHELL, FRANK KIRBY, (1926) A.B., A.M.
Associate Professor of English East Campus
- ‡MOORE, THOMAS H., (1940) B.S.
Instructor in Economics 1200 W. Markham Avenue
- ‡MORGAN, GEORGE ALLEN, JR., (1936) Ph.B., A.M., Ph.D.
Associate Professor of Philosophy 713 Anderson Street

* Absent on sabbatical leave, second semester, 1941-1942.

† Absent on National Defense leave, second semester, 1941-1942.

‡ Absent on National Defense leave, 1942-1943.

MOUZON, JAMES CARLISLE, (1932) B.A., Ph.D. <i>Assistant Professor of Physics</i>	132 Pinecrest Road
MYERS, HIRAM EARL, (1926) A.B., S.T.B., S.T.M. <i>Professor of Biblical Literature</i>	141 Pinecrest Road
NELSON, ERNEST WILLIAM, (1926) A.B., A.M., Ph.D. <i>Associate Professor of History</i>	120 Briarcliff Road
NEURATH, HANS, (1938) Ph.D. <i>Assistant Professor of Biochemistry</i>	Manchester Apartments
NICHOLSON, WILLIAM MCNEAL, (1935) A.B., M.D. <i>Associate in Medicine</i>	812 Anderson Street
*NIELSEN, WALTER MCKINLEY, (1925) B.S. in E.E., Ph.D. <i>Professor of Physics</i>	139 Pinecrest Road
NOOJIN, RAY O., (1940) A.B., M.D. <i>Instructor in Dermatology and Syphilology</i>	2204 Woodrow Street
NORDHEIM, LOTHAR WOLFGANG, (1937) Ph.D. <i>Professor of Physics</i>	2255 Cranford Road
NORFLEET, GRIZZELLE M., (1938) A.B., B.S., M.A. <i>Supervisor of the Spastic Clinic</i>	Faculty Apartments
*NORTON, J. W. ROY, (1938) A.B., M.P.H., M.D. <i>Lecturer in Preventive Medicine and Public Health</i>	Chapel Hill, N. C.
OOSTING, HENRY JOHN, (1932) A.B., M.S., Ph.D. <i>Assistant Professor of Botany</i>	2528 University Drive, Rockwood
ORGAIN, EDWARD STEWART, (1934) M.D. <i>Associate in Medicine</i>	Beverly Apartments
ORMOND, JESSE MARVIN, (1923) A.B., B.D., D.D. <i>Professor of Practical Theology</i>	110 Pinecrest Road
OUTLER, ALBERT C., (1938) A.B., A.M., B.D., Ph.D. <i>Assistant Professor of Historical Theology</i>	2122 Englewood Avenue
*PARKER, HAROLD TALBOT, (1939) A.B., Ph.D. <i>Instructor in History</i>	University Apartments
PATTERSON, KARL BACHMAN, (1920) A.B., A.M. <i>Assistant Professor of Mathematics</i>	1024 Monmouth Avenue
PATTON, LEWIS, (1926) A.B., Ph.D. <i>Associate Professor of English</i>	614 Swift Avenue
PEARSE, ARTHUR SPERRY, (1926) B.S., A.M., Ph.D., LL.D. <i>Professor of Zoology</i>	Chelsea Circle, Hope Valley
*PEARSE, RICHARD LEHMER, (1935) A.B., M.D. <i>Instructor in Obstetrics and Gynecology</i>	1003 Lamond Avenue
†PEPLER, CHARLES WILLIAM, (1912) A.B., Ph.D. <i>Professor of Greek</i>	406 Buchanan Road
PEELE, TALMAGE LEE, (1939) A.B., M.D. <i>Associate in Anatomy</i>	University Apartments
PERLZWEIG, WILLIAM ALEXANDER, (1930) B.S., A.M., Ph.D. <i>Professor of Biochemistry</i>	Hope Valley
PERRY, HAROLD SANFORD, (1932) A.B., Ph.D. <i>Assistant Professor of Botany</i>	2302 Cranford Road
PERSONS, ELBERT LAPSLEY, (1930) A.B., M.D. <i>Assistant Professor of Medicine</i>	723 Anderson Street

* Absent on National Defense leave, 1942-1943.

† Absent on sabbatical leave, first semester, 1941-1942.

- PETRY, RAY C., (1937) A.B., A.M., Ph.D.
Assistant Professor of Church History 128 Pinecrest Road
- PIERSON, ALVAN REEVES, (1942) B.S., Lieutenant Commander, U. S. N. R.
Associate Professor of Naval Science and Tactics 908 Markham Avenue
- PINKERTON, MARGARET ISABEL, (1939) R.N., B.S.
Professor of Nursing and Dean of the School of Nursing Nurses Home
- POSTON, MARY ALVERTA, (1930) A.M.
Instructor in Bacteriology 512 Watts Street
- *POTEAT, JAMES DOUGLASS, (1936) A.B., LL.B., J.S.D.
Professor of Law 1106 Watts Street
- POTEAT, MARY, (1935) A.B., A.M., Ph.D.
Instructor in English 103 Faculty Apartments
- PROCTOR, ARTHUR MARCUS, (1923) A.B., A.M., Ph.D.
Professor of Education Myrtle Drive, West Campus
- QUYNN, DOROTHY MACKAY, MRS. (1930) A.B., A.M., Docteur de l'Université
 de Paris
Assistant Professor of History Woodridge Drive, Rockwood
- QUYNN, WILLIAM ROGERS, (1930) B.A., M.A., Ph.D.
Assistant Professor of Romance Languages Woodridge Drive, Rockwood
- RANEY, RICHARD BEVERLY, (1934) A.B., M.D.
Associate in Orthopaedics 1110 Shepherd Street
- RANKIN, ROBERT STANLEY, (1927) A.B., A.M., Ph.D.
Professor of Political Science 1107 Knox Street
- RANKIN, WATSON SMITH, (1930) M.D.
Lecturer in Preventive Medicine and Public Health Charlotte, N. C.
- RANKIN, WILLIAM WALTER, JR., (1926) B.E., M.A.
Professor of Mathematics 1011 Gloria Avenue
- RATCHFORD, BENJAMIN ULYSSES, (1928) B.S., A.M., Ph.D.
Associate Professor of Economics 133 Pinecrest Road
- RAYMOND, MARY LOIS, (1931) A.B., M.A.
Assistant Professor of Romance Languages 1003 Lamond Avenue
- REAMER, I. THOMAS, (1931) Ph.G.
Instructor in Pharmacy University Apartments
- REED, FREDERICK JEROME, (1935) M.E., M.S.
Assistant Professor of Mechanical Engineering 2203 Englewood Avenue
- REEVES, ROBERT JAMES, (1930) A.B., M.D.
Clinical Professor of Radiology 1010 Monmouth Avenue
- *REID, JOHN TURNER (1939) A.B., A.M., Ph.D.
Assistant Professor of Romance Languages 2613 University Drive
- REQUE, PAUL GERHARD, (1940) M.D.
Instructor in Medicine, Dermatology and Syphilology 2023 Sprunt Street
- RHINE, JOSEPH BANKS, (1927) B.S., M.S., Ph.D.
Professor of Psychology 908 W. Club Boulevard
- RICHARDSON, WILLIAM P., (1938) B.S., M.P.H., M.D.
Instructor in Preventive Medicine and Public Health Chapel Hill, N. C.
- ROBERT, JOSEPH CLARKE, (1938) A.B., A.M., Ph.D.
Assistant Professor of History 1102 B Street

* Absent on National Defense leave, 1942-1943.

- *ROBERTS, JOHN H., (1931) A.B., Ph.D.
Associate Professor of Mathematics Legion Avenue, Tuscaloosa Forest
- ROBERTS, LOUIS CARROLL, (1933) B.S., M.D.
Instructor in Urology 2028 Sunset Avenue
- ROGERS, ROBERT S., (1937) A.B., A.M., Ph.D., F.A.A.R.
Professor of Latin 148 Pinecrest Road
- ROPP, THEODORE, (1938) A.B., A.M., Ph.D.
Instructor in History 206 Woodridge Drive
- †ROSBOROUGH, RUSKIN RAYMOND, (1925) A.B., A.M., Ph.D., Docteur en
 philologie classique, Louvain, F.A.A.R.
Professor of Latin 410 Watts Street
- ROSE, JESSE LEE, (1936) A.B., M.A., Ph.D.
Instructor in Latin 804 Fourth Street
- ROSENAU, MILTON JOSEPH, (1938) M.D.
Lecturer in Preventive Medicine and Public Health Chapel Hill, N. C.
- ROSS, NORMAN F., (1937) D.D.S.
Instructor in Dentistry Chelsea Circle, Hope Valley
- ROSS, ROBERT ALEXANDER, (1930) B.S., M.D.
Associate Professor of Obstetrics and Gynecology 818 Anderson Street
- ROWE, GILBERT THEODORE, (1928) A.B., S.T.D., D.D., Litt.D.
Professor of Christian Doctrine 150 Pinecrest Road
- RUCKER, MARVIN PIERCE, (1941) A.M., M.D.
Lecturer in Obstetrics and Gynecology Richmond, Va.
- RUDE, JOE C., (1941) A.B., B.S., M.D.
Associate in Radiology 503 Bon Air Avenue
- RUFFIN, JULIAN MEADE, (1930) A.B., M.A., M.D.
Associate Professor of Medicine 816 Anderson Street
- RUSSELL, ELBERT, (1926) A.B., A.M., Ph.D., Litt.D.
*Professor of Biblical Interpretation and Dean
 Emeritus of the Divinity School* 804 Fourth Street
- SACHS, JAMES WILBUR, (1940) B.S., M.D.
Instructor in Otolaryngology and Ophthalmology Duke Hospital
- SANDERS, C. RICHARD, (1937) B.Ph., M.A., Ph.D.
Assistant Professor of English 1004 Urban Avenue
- *SANDERS, PAUL HAMPTON, (1936) A.B., LL.B.
Associate Professor of Law 2711 Stuart Drive
- SAYLOR, JOHN HENRY, (1928) A.B., A.M., Ph.D.
Assistant Professor of Chemistry 707 Club Boulevard
- SCARBOROUGH, HENRY BALDWIN, (1942) A.B., M.A.
Instructor in Physics
- SCATES, DOUGLAS EDGAR, (1939) A.B., Ph.D.
Associate Professor of Education 2247 Anderson Road
- SCHIEBEL, HERMAN MAX, (1939) A.B., M.D.
Instructor in Surgery University Apartments
- SCHULZE, WILLIAM, (1940) B.S., M.D.
Instructor in Medicine 1001 Lamond Avenue

* Absent on National Defense leave, 1942-1943.

† Resigned, June 30, 1942.

- SCHUMACHER, FRANCIS X., (1937) B.S.
Professor of Forestry 6 Sylvan Road
- SEAGROVES, EVERETT EDGAR, (1941) B.S., Lieutenant, U. S. Navy
Assistant Professor of Naval Science and Tactics 1015 Gloria Avenue
- SEALY, WILL CAMP, (1936) B.S., M.D.
Instructor in Surgery Vance Apartments
- SEELEY, WALTER JAMES, (1925) E.E., M.S.
Professor of Electrical Engineering 1005 Urban Avenue
- *SHANDS, ALFRED RIVES, JR., (1930) B.A., M.D.
Associate Professor of Surgery in charge of Orthopaedics Wilmington, Del.
- SHARP, D. GORDON, (1939) B.S., M.A., Ph.D.
Research Associate in Experimental Surgery 202 Francis Street
- SHEARS, LAMBERT ARMOUR, (1927) A.B., A.M., Ph.D.
Instructor in German 917 Green Street
- †SHEPHERD, HAROLD, (1939) A.B., J.D.
Professor of Law Cole Mill Road
- SHIELDS, JOHN HERMAN, (1926) A.B., A.M.
Assistant Professor of Accounting 1315 Vickers Avenue
- †SHIPMAN, GEORGE A., (1938) A.B., Ph.D.
Associate Professor of Political Science 139 Pinecrest Road
- SIMPSON, WILLIAM HAYS, (1930) A.B., A.M., Ph.D.
Instructor in Political Science 1408 Dollar Avenue
- SMITH, DAVID TILLERSON, (1930) A.B., M.D.
Professor of Bacteriology and Associate Professor of Medicine Hope Valley
- SMITH, HILRIE SHELTON, (1931) A.B., Ph.D., D.D., Litt.D.
Professor of Christian Ethics and Religious Education 1523 Hermitage Court
- SMITH, O. NORRIS, (1937) B.A., M.D.
Instructor in Medicine Greensboro, N. C.
- SMITH, ROBERT SIDNEY, (1932) A.B., A.M., Ph.D.
Assistant Professor of Economics 2236 Cranford Road
- SMITH, RUTH SLACK, MRS., (1927) A.B., A.M.
Instructor in Education and Associate Dean of Undergraduate Instruction, Woman's College 115 Faculty Apartments, East Campus
- SMITH, SUSAN GOWER, MRS., (1930) A.B., M.A.
Associate in Medicine Hope Valley
- SNIVELY, MARY HELEN, (1930) R.N., Anes.
Instructor in Anesthesia Horton Road
- SPENCE, BESSIE WHITTED, MRS., (1929) A.B., A.M., B.D.
Instructor in Biblical Literature Hope Valley
- SPENCE, HERSEY EVERETT, (1918) A.B., A.M., B.D., D.D., Litt.D.
Professor of Biblical Literature and Religious Education Hope Valley
- †SPENGLER, JOSEPH JOHN, (1934) A.B., M.A., Ph.D.
Professor of Economics 2240 Cranford Road
- SPONER, HERTHA, (1935) Ph.D.
Professor of Physics Hope Valley
- †SPRINGER, JOHN YOUNG, (1936) A.B., M.B.A.
Assistant Professor of Economics University Apartments

* Absent on leave, 1937—.

† Absent on National Defense leave, 1942-1943.

- SPRUNT, DOUGLAS HAMILTON, (1932) B.S., M.S., M.D.
Associate Professor of Pathology Hope Valley
- STEVENS, JOSEPH BLACKBURN, (1940) B.S., M.D.
Instructor in Medicine Duke Hospital
- *STILL, BAYRD, (1938) A.B., A.M., Ph.D.
Assistant Professor of History Erwin Apartments
- STINESPRING, WILLIAM FRANKLIN, (1936) B.A., M.A., Ph.D.
Associate Professor of Old Testament 1107 Watts Street
- SUGDEN, HERBERT WILFRED, (1929) A.B., A.M., Ph.D.
Assistant Professor of English University Apartments
- SUITT, ROBERT BURKE, (1940) M.D.
Associate in Neuropsychiatry University Apartments
- SULLIVAN, DANIEL JOSEPH, (1940) M.D.
Instructor in Neuropsychiatry Duke Hospital
- †SUNDERLAND, ELIZABETH READ, (1939) A.B., A.M., Ph.D.
Instructor in Fine Arts University Apartments
- SWETT, FRANCIS HUNTINGTON, (1930) A.B., M.A., Ph.D.
Professor of Anatomy Hope Valley
- SYDNOR, CHARLES SACKETT, (1936) A.B., Ph.D.
Professor of History 116 Pinecrest Road
- TAYLOR, ALTON ROBERT, (1939) B.S., Ph.D.
Research Associate in Surgery 2023 Club Boulevard
- TAYLOR, HAYWOOD MAURICE, (1930) B.S., M.S., Ph.D.
Associate Professor of Biochemistry and Toxicology University Drive, Rockwood
- THEISS, ERNEST S., (1939) B.S. in M.E., M.S.
Instructor in Mechanical Engineering 910 Fifth Street
- THOMAS, JOSEPH MILLER, (1930) A.B., Ph.D.
Professor of Mathematics 2215 Cranford Road
- THOMAS, WALTER LEE, JR., (1937) A.B., M.A., M.D.
Assistant Professor of Obstetrics and Gynecology 415 Carolina Circle
- THOMPSON, EDGAR T., (1935) A.B., A.M., Ph.D.
Associate Professor of Sociology 138 Pinecrest Road
- THOMSON, ROY BERTRAND, (1938) B.S., M.F., Ph.D.
Associate Professor of Forest Economics 2243 Cranford Road
- THORNHILL, EDWIN HALE, (1939) M.D.
Instructor in Otolaryngology and Ophthalmology Duke Hospital
- TRUESDALE, JAMES N., (1930) A.B., A.M., Ph.D.
Instructor in Greek Duke University
- UPCHURCH, SAMUEL EARLE, (1933) B.A., M.D.
Instructor in Surgery Duke Hospital
- VAIL, CHARLES ROWE, (1939) B.S. in E.E.
Instructor in Electrical Engineering 1007 W. Trinity Avenue
- VANCE, MARY HENDREN, MRS., (1926) A.B., A.M.
Assistant Professor of English 208 Watts Street

* Absent on National Defense leave, 1942-1943.

† Resigned, June 30, 1942.

- VAN ALSTYNE, DOROTHY, (1942) A.B., A.M., Ph.D.
Visiting Assistant Professor in Education
- VAN DUSEN, ALBERT EDWARD, (1941) B.A., M.A.
Instructor in History 1104 Watts Street
- VAN VOORHIS, ROBERT HENRY, (1941) A.B., A.M.
Instructor of Economics 907 Second Street
- VOLLMER, CLEMENT, (1926) A.B., A.M., Ph.D.
Professor of German 2114 Myrtle Drive, West Campus
- VON BECKERATH, HERBERT, (1935) Ph.D.
Professor of Economics and Political Science Hope Valley
- VOSBURGH, WARREN CHASE, (1928) B.S., M.S., Ph.D.
Professor of Chemistry 2319 Englewood Avenue
- WACKERMAN, ALBERT EDWARD, (1938) B.S., M.F.
Professor of Forest Utilization Dover Road, Hope Valley
- *WADE, WALLACE, (1931) A.B.
Director of Physical Education, Trinity College Myrtle Drive, West Campus
- WALTON, LORING BAKER, (1929) A.B., Lic. ès L.
Associate Professor of Romance Languages 2235 Cranford Road
- WANNAMAKER, WILLIAM HANE, (1904) A.B., A.M., Litt.D.
Professor of German and Dean of the University and of Trinity College Myrtle Drive, West Campus
- WARD, CHARLES EUGENE, (1927) A.B., A.M., Ph.D.
Associate Professor of English 707 Club Boulevard
- WATSON, JOHN D., (1939) A.B., B.S. in C.E., M.S., Sc.D.
Assistant Professor of Civil Engineering 2519 Club Boulevard
- WATSON, KARL BRANTLEY, (1936) B.S., A.B., A.M., Ph.D.
Instructor in Education 1102 Virginia Avenue
- *WATSON, RICHARD L., JR., (1939) A.B., Ph.D.
Instructor in History 1104 Watts Street
- WAY, VERNON ELGIN, (1930) A.B., A.M., M.A.
Assistant Professor of Greek 909 Gregson Street
- WEBB, ALBERT MICAJAH, (1903) A.B., A.M.
Professor of Romance Languages 1017 Trinity Avenue
- *WELFLING, WELDON, (1936) A.B. A.M., Ph.D.
Assistant Professor of Economics Pickett Road
- WEST, ALFRED THURBER, (1930) B.S., A.M.
Assistant Professor of English 1112 Georgia Avenue
- WHARTON, GEORGE WILLARD, JR., (1939) B.S., Ph.D.
Instructor in Zoology 2112 Englewood Avenue
- WHITE, MARIE ANNE, MRS., (1930) A.B., A.M.
Assistant Professor of English Chelsea Circle, Hope Valley
- WHITE, NEWMAN IVEY, (1919) A.B., A.M., Ph.D.
Professor of English Chelsea Circle, Hope Valley
- WIDGERY, ALBAN GREGORY, (1930) B.A., M.A.
Professor of Philosophy St. Catherine, Pincrest Road

* Absent on National Defense leave, 1942-1943.

WILBUR, RALPH SYDNEY, (1933) B.S. in M.E., M.E. <i>Professor of Mechanical Engineering</i>	1018 Demarius Street
WILLIAMS, JAMES WESLEY, (1937) A.B., B.S. in C.E. <i>Instructor in Civil Engineering</i>	206 Swift Avenue
WILSON, FREDERICK ELIPHAZ, (1923) A.B., A.M. <i>Assistant Professor of German</i>	1020 Demarius Street
*WILSON, JOHN WOODROW, (1940) B.S., Ph.D. <i>Instructor in Zoology</i>	1004 Monmouth Avenue
WILSON, ROBERT NORTH, (1910) A.B., M.S. <i>Professor of Chemistry</i>	822 Third Street
WILSON, ROBERT RENBERT, (1925) A.B., A.M., Ph.D., LL.D. <i>Professor of Political Science</i>	717 Anderson Street
WOLF, FREDERICK ADOLPHUS, (1927) A.B., A.M., Ph.D. <i>Professor of Botany</i>	924 Urban Avenue
WOODHALL, BARNES, (1937) A.B., M.D. <i>Assistant Professor of Surgery in charge of Neuro-surgery</i>	Cole Mill Road
WOODY, ROBERT HILLIARD, (1929) Ph.B., A.M., Ph.D. <i>Assistant Professor of History</i>	2648 University Drive
YOUNG, EDWARD HUDSON, (1923) A.B., A.M. <i>Assistant Professor of Romance Languages</i>	13 Beverly Apartments
YOUNGSTROM, KARL ARDEN, (1937) A.B., M.A., Ph.D. <i>Instructor in Anatomy</i>	Fir Street
ZENER, KARL EDWARD, (1928) Ph.B., A.M., Ph.D. <i>Associate Professor of Psychology</i>	Sparger Road
AYRES, ERLE BINGHAM, (1941) S.B., A.M. <i>Instructor (Part-time) in Chemistry</i>	2109 Chapel Hill Road
BATCHELDER, MARION FRANCIS, (1930) R.N. <i>Instructor in Nursing Administration and Supervision</i>	Duke Hospital
BOAS, MARY LAYNE, (1940) B.S., M.S. <i>Instructor (Part-time) in Mathematics</i>	2708 Legion Avenue
CARPENTER, JAMES M., (1938) Ph.D. <i>Instructor (Part-time) in English</i>	603 Watts Street
CARTER, MARY MARJORIE, (1941) A.B. <i>Instructor (Part-time) in Romance Languages</i>	801 Third Street
†CHAFFIN, NORA CAMPBELL, (1936) A.B., A.M. <i>Instructor (Part-time) in History</i>	Faculty Apartments
CHRISTOPHER, JOHN BARRETT, (1941) B.A., M.A. <i>Instructor (Part-time) in History</i>	2235 Cranford Road
HOSACK, ROBERT EWING, (1941) A.B., A.M. <i>Instructor (Part-time) in Political Science</i>	1001 Virgie Street
LEMKIN, RAPHAEL, (1941) Dr. jur., Magister juris. <i>Lecturer on Comparative Law</i>	Duke University
‡MARTIN, WILLARD EDGAR, JR., (1937) A.B., A.M. <i>Instructor (Part-time) in English</i>	812 Wilkerson Avenue
PRATT, LANIER WARD, (1940) A.B., A.M. <i>Instructor (Part-time) in Romance Languages</i>	Johnston Headquarters, Hillsboro, N. C.

* Absent on National Defense leave, 1942-1943.

† Absent on leave, second semester, 1941-1942.

‡ Resigned, June 30, 1942.

- ROBINSON, ALICE BRADFORD, (1939) A.B., M.A.
Instructor (Part-time) in Fine Arts 1206 Markham Avenue
- SMITH, WILLIAM JORDAN JOSEPH, (1941) B.A.
Instructor (Part-time) in Economics Duke University
- WEITH, A. JAMES, (1941) A.B., A.M.
Instructor (Part-time) in Chemistry Duke University

INDUSTRIAL RESEARCH ASSOCIATES

- DARKIS, FREDERICK RANDOLPH Chemistry 1211 Alabama Avenue
B.S., M.S., Ph.D., University of Maryland
- MCLEAN, RUTH Chemistry 2 Powe Apartments
A.B., Woman's College of the University of North Carolina; A.M., Duke University

INSTRUCTIONAL ASSISTANTS

- ALTER, ROBERT LEONHARDT, (1939) M.D.
Assistant in Obstetrics, Gynecology and Pathology Duke Hospital
- ANDERSON, RAYMOND BURK, (1941) A.B., M.D.
Assistant in Pediatrics 2930 Chapel Hill Road
- BEARD, DOROTHY WATERS, (1938) R.N.
Research Assistant in Experimental Surgery Hillsboro, N. C.
- BENBOW, EDWARD PERRY, JR., (1941) A.B., M.D.
Assistant in Medicine Duke Hospital
- BENNETT, RUTH BRUCE, (1940) A.B., M.M.S.
Assistant in Psychiatric Social Service University Apartments
- BERRY, COURTLAND DIXON, (1940) B.A., M.D.
Assistant in Obstetrics and Gynecology University Apartments
- BEYER, EMIL CHARLES, (1941) M.D.
Assistant in Medicine Duke Hospital
- BIDDLE, ROBERT MARTIN, (1940), A.B., M.D.
Assistant on Private Medical Service Glenn Apartments
- BRADSHAW, ARTHUR BROWN, (1941) A.B., M.D., C.M.
Assistant in Pathology Duke Hospital
- BRANNING, WILLIAM STERRY, (1940) B.S., M.D.
Assistant in Biochemistry Duke Hospital
- BROWN, HALLA, (1941) A.B., M.D.
Assistant in Pathology Duke Hospital
- BROWN, IVAN WILLARD, JR., (1940) B.S., M.D.
Assistant in Pathology University Apartments
- BRYSON, EDWIN CONSTANT, (1931)
Assistant in Legal Aid Clinic 1023 Sycamore Street
- CAYER, DAVID, (1939) B.A., M.D.
Assistant in Medicine, Physiology and Pharmacology Duke Hospital
- CHRISTENSON, JAMES ANDREAS, (1940) A.B., Ph.D.
Psychologist Legion at Vineyard Street
- *CONGLETON, VIRGINIA LEE, (1941) A.B., M.D.
Assistant Physician of Student Health and Assistant in Pediatrics Duke Hospital
- COOPER, GERALD RICE, (1939) A.B., M.A., Ph.D.
Research Assistant in Biochemistry 2105 Chapel Hill Road

* Resigned, October 31, 1941.

CRAIG, JANE STANLEY, (1938) A.B. <i>Research Assistant in Anatomy</i>	308 Oakwood Avenue
CREADICK, ROBERT NOWELL, (1939) B.A., M.D. <i>Assistant in Obstetrics and Gynecology</i>	Hope Valley Road
CREDLE, WILLIAM SWINDELL, (1940) M.D. <i>Assistant in Surgery</i>	Duke Hospital
DUCHARME, PAUL HENRI, (1941) B.S., M.D. <i>Assistant in Radiology</i>	Duke Hospital
EDWARDS, LINUS MATTHEW, JR., (1940) D.D.S. <i>Assistant in Dentistry</i>	604 Watts Street
ERICKSON, JOHN OTTO, (1939) B.S. <i>Research Assistant in Biochemistry</i>	Duke Hospital
FULMER, WILLIAM HENRY, (1940) A.B., M.D. <i>Assistant in Medicine</i>	Duke Hospital
GILBERT, GEORGE GAYLAND, (1939) B.S., M.D. <i>Assistant in Urology</i>	University Apartments
GODDARD, DAVID WATSON, (1941) A.B., M.D. <i>Assistant in Medicine</i>	University Apartments
GOODMAN, ERASTUS GENAIR, JR., (1940) M.D. <i>Assistant in Medicine</i>	Duke Hospital
GRAY, CYRUS LEIGHTON, (1941) A.B., M.D. <i>Assistant in Radiology</i>	Bickett Apartments
†HASTINGS, WALTER DARLINGTON, JR., (1941) M.D. <i>Assistant in Pathology</i>	Duke Hospital
HIATT, JOSEPH SPURGEON, JR., (1940) A.B., M.D. <i>Assistant in Medicine</i>	Glenn Apartments
HOLLISTER, WILLIAM FREDWIN, (1938) M.D. <i>Assistant in Surgery</i>	University Apartments
HORNER, VIOLET OLIVE, (1941) B.A., M.D. <i>Assistant in Endocrine Division, Obstetrics and Gynecology</i>	Duke Hospital
HUFF, JESSE W., (1940) B.S. <i>Assistant in Biochemistry</i>	Duke Hospital
HUTCHINSON, ROBERT HERRICK, (1941) B.S., M.D. <i>Assistant in Orthopaedics</i>	Duke Hospital
JOHNSON, LAWRENCE CLIFFORD, (1940) B.A. <i>Fellow in Sociology</i>	Duke Hospital
JONES, CLAUDIUS PARKS (1942) <i>Research Assistant in Obstetrics and Gynecology</i>	
KAMIN, HENRY, (1940) B.S. <i>Research Assistant in Biochemistry</i>	Duke Hospital
KERBY, GRACE P., (1940) B.S. <i>Research Assistant in Pathology</i>	Beverly Apartments
KERNODLE, HAROLD BARKER, (1939) M.D. <i>Assistant in Surgery</i>	Duke Hospital
KNIGHT, ALTON J., (1938) A.B., LL.B. <i>Assistant in Legal Aid Clinic</i>	1404 North Duke Street

† On leave of absence; on active duty with U. S. Navy.

- KNOX, ISAAC CECIL, JR., (1941) B.A., M.D.
Assistant in Pathology Duke Hospital
- KUHN, HAROLD HUNTER, (1940) A.B., B.S., M.D.
Assistant in Surgery Duke Hospital
- LAMBETH, SAMUEL SUMMERFIELD, (1939) B.S., M.D.
Assistant in Medicine Duke Hospital
- LAUFER, JOSEPH, (1942) LL.B., LL.M.
Teaching Fellow in Law 1411 B Street
- LINCICOME, ROBERT CARL, (1939) M.D.
Assistant on Private Medical Service Duke Hospital
- LITTLER, JAMES WILLIAM, (1940)
Assistant in Anatomy Duke Hospital
- MCCULLOCH, RUDOLPH POWERS, (1941) A.B., M.D.
Assistant in Student Health Duke Hospital
- MADDEN, JOHN HENRY MILLER, (1941) A.B., M.D.
Clinical Fellow in Endocrinology Duke Hospital
- MARGOLIS, GEORGE, (1940) A.B., M.D.
Assistant in Pathology Duke Hospital
- MARGOLIS, LESTER HENRY, (1940) A.B., M.D.
Assistant in Medicine Duke Hospital
- MARINO, MIGUEL, (1941) A.B., M.D.
Rockefeller Foundation Fellow in Pathology Duke Hospital
- MASON, MARY LOCHER, MRS., (1931) Diploma in Fine Arts,
Teachers College, Columbia University
Assistant in Education Route No. 2, Durham, N. C.
- MILLER, CHARLES HENDERSON, (1934) A.B., LL.B.
Assistant in Legal Aid Clinic 2108 Club Boulevard
- MOSS, JOHN EDWARD, (1941) A.B., M.D.
Assistant in Medical Dispensary Duke Hospital
- MUNROE, COLIN ALEXANDER, (1939) B.S., M.D.
Assistant in Medicine Duke Hospital
- NAHIGIAN, RUSSELL, (1941) B.S., M.D.
Assistant in Medicine Duke Hospital
- NEWMAN, GLENN CARRAWAY, (1939) B.S., M.D.
Assistant in Medicine Duke Hospital
- ORMANDY, LASZLO, (1940) M.D.
Fellow in Spastic Clinic Duke Hospital
- PAGE, SAMUEL WATSON, JR., (1940) B.S., M.D.
Assistant in Medicine Duke Hospital
- PODGER, KENNETH ARTHUR, (1941) B.A., M.D.
Assistant in Medicine Duke Hospital
- RANDELL, ELISABETH CATHERINE, (1942) M.B., B.S.
Assistant in Biochemistry Duke Hospital
- RICKETSON, ROBERT ALFRED GREER, (1941) A.B.
Assistant in Anatomy Duke Hospital
- SALMON, A. AUSTIN, (1941) B.S.
Research Fellow in Endocrinology Duke Hospital
- SARETT, HERBERT PAUL, (1939) B.A., M.D.
Assistant in Biochemistry Duke Hospital

- SCHANHER, PAUL WELSTEAD, JR., (1939) B.A., M.D.
Assistant in Surgery Duke Hospital
- SCHLAYER, CLOTILDE, (1937) Ph.D.
Research Assistant in Medicine Washington Duke Hotel
- SCHNOOR, THOMAS GILBERT, (1940) B.S., M.D.
Assistant in Otolaryngology and Ophthalmology 2308 Erwin Road
- SKINNER, BENJAMIN SMITH, (1941) A.B., M.D.
Assistant in Medicine Duke Hospital
- SMITH, PRESTON WILLIAM, (1932)
Assistant in Clinical Microscopy 114 E. Seeman Street
- SMITH, STEDMAN WEST, (1941) A.B., M.D., C.M.
Assistant in Pathology Duke Hospital
- SNOW, WILLARD GROESBECK, (1940) A.B., M.D.
Assistant in Medicine Duke Hospital
- STAINBROOK, EDWARD JOHN, (1940) A.B., Ph.D.
Research Psychologist 1005 Buchanan Road
- STENHOUSE, GORDON CONOVER, (1941) B.A., M.D.
Assistant in Medicine 2009 Club Boulevard
- STUBBS, ALLSTON, (1935) A.B., LL.B., LL.M.
Assistant in Legal Aid Clinic University Apartments
- SUMMERS, PERCY, (1941) P., B.S., B.M.
Rockefeller Foundation Fellow in Biochemistry Duke Hospital
- TATE, LAWSON, (1941) B.S., M.D.
Assistant in Pathology Duke Hospital
- THORNHILL, PATTI MARIE SILLS, (1940) A.B., M.D.
Assistant in Pediatrics Duke Hospital
- TRENT, JOSIAH CHARLES, (1939) A.B., M.D.
Assistant in Surgery 2318 Club Boulevard
- VENNING, LAURA EUGENIA ROSS, (1941) A.B., M.D.
Assistant Physician of Student Health and Assistant in Pediatrics Duke Hospital
- WALKER, CHARLOTTE FRISCH, (1941) M.D.
Assistant in Neuropsychiatry Duke Hospital
- WALKER, GERALD CAMPBELL, (1941) M.D., C.M.
Assistant in Pathology Duke Hospital
- WELLS, WARNER LEE, (1938) M.D.
Assistant in Surgery Vineyard Street and Legion Avenue
- *WHILDIN, JAMES GRIFFITH, (1939) B.S., M.D.
Research Fellow, National Cancer Institute, in Radiology Duke Hospital
- WILSON, JAMES MAZYCK, (1938) A.B., M.D.
Assistant in Obstetrics and Gynecology 818 Buchanan Boulevard
- WISE, NANCY BOWMAN, (1937) A.B., M.D.
James A. Greene Research Fellow in Medicine and Bacteriology University Apartments

INSTRUCTIONAL ASSISTANTS IN PHYSICAL EDUCATION
TRINITY COLLEGE

- CALDWELL, HERSCHEL, (1930)
*Instructor in Physical Education;
Coach of Freshman Sports* 1023 Markham Avenue

* On leave of absence; on active duty with U. S. Army.

- CAMERON, EDMUND McCULLOUGH, (1926) A.B.
*Instructor in Physical Education; Head Coach of Varsity
Basketball; Assistant Coach of Football* Hope Valley
- CARD, WILBUR WADE, (1902) A.B.
Instructor in Physical Education 1110 Minerva Avenue
- CHAMBERS, ROBERT LUTHER, (1933) B.S. in Ed.
*Instructor in Physical Education;
Head Coach of Varsity Track* 2311 Prince Street
- COOMBS, JOHN WESLEY, (1929) B.S.
*Instructor in Physical Education;
Head Coach of Varsity Baseball* 101 House DD, Craven Quadrangle
- CRICHTON, MARSHALL, (1931)
Instructor in Golf Hope Valley
- DEAN, DAYTON ROBERT, (1931) A.B.
Business Manager of Athletics 2207 Pershing Street
- *FOGLEMAN, WILLIAM HARRY, (1935) A.B.
Instructor in Physical Education; Coach of Tennis 2417 Farthing Street
- GERARD, KENNETH, (1931) B.S.
*Instructor in Physical Education;
Director of Intramural Sports* 1209 North Duke Street
- HAGLER, ELLIS, (1930) A.B.
*Instructor in Physical Education; Coach of
Varsity Golf; Assistant Coach of Football* 220 Forest Wood Drive
- LEWIS, HUBERT MURRY, (1937) B.S.
Assistant Instructor in Physical Education and Track Duke University
- MONTFORT, ROBERT, (1940) B.A.
Assistant Instructor in Physical Education Duke University
- PERSONS, WALTER, (1930)
*Instructor in Physical Education; Coach of Swimming;
Coach of Lacrosse* 612 Swift Avenue
- POTTER, HARVEY L., (1940) B.A.
*Instructor in Physical Education;
Coach of Wrestling* 2200 University Drive
- STANLEY, DENNIS KEITH, (1939) A.B.E., M.Ed.
*Instructor in Physical Education; Assistant
Coach of Football* 132 Pincrest Road

INSTRUCTIONAL ASSISTANTS IN PHYSICAL EDUCATION
THE WOMAN'S COLLEGE

- BOOKHOUT, ELIZABETH CIRCLE, MRS., (1932) A.B., M.S.
Instructor in Physical Education 1307 Alabama Avenue
- DOWLING, MARY LOUISE, (1937) B.S.
Instructor in Physical Education and Recreation 205 Faculty Apartments
- LEWIS, MARTHA MODENA, (1933) B.S.
Instructor in Physical Education and Dance 306 Erwin Apartments
- †ROGERS, HARRIET ROWLEY, MRS., (1939) B.S., M.A.
Instructor in Physical and Health Education 814 Second Street

* Absent on National Defense leave, 1942-1943.

† Resigned, June 30, 1942.

- SMITH, NATALIE, (1940) B.A., M.S.
Instructor in Physical Education 306 Erwin Apartments
- WEEKS, MARGARET, (1942) B.S.
Instructor in Physical Education Duke University

THE UNIVERSITY LIBRARIES

UNIVERSITY LIBRARY

- LUND, JOHN JORGENSEN, A.B., Ph.D., Certificate of Librarianship
University Librarian 921 Monmouth Avenue
- BREEDLOVE, JOSEPH PENN, A.B., A.M.
Librarian Emeritus 407 Watts Street
-
- GREENE, JANE, A.B., B.A. in L.S.
Head Order Librarian 1004 West Trinity Avenue
- MERRITT, GERTRUDE, A.B.
Head Serials Librarian 1907 Club Boulevard
- NUERMBERGER, GUSTAVE ADOLPH, A.B., A.M., Ph.D.
Certificate of Librarianship
Head Reference Librarian 2018 Woodrow Street
- OYLER, HELEN, A.B., B.S. in L.S.
Head Circulation Librarian 512 Watts Street
- TAUBE, MORTIMER, A.B., Ph.D., Certificate of Librarianship
In Charge of Book Selection 1109 North Gregson Street
- TILLEY, NANNIE M., A.B., M.A., Ph.D.
Curator of Manuscripts 2313 Club Boulevard
- WESCOTT, MARY, A.B., B.S. in L.S.
Head Cataloger 1008 Monmouth Avenue
-
- APSLER, ALFRED, Ph.D.
Reference Librarian 2123 Sprunt Street
- BENTZ, DALE M., A.B., A.B. in L.S.
Serials Cataloger House HH, Room 121
- BITTING, MARY ELIZABETH, A.B., M.A., A.B. in L.S.
Serials Cataloger 2105 Club Boulevard
- BRANCH, OLIVE, A.B., A.B. in L.S.
Cataloger 1008 Monmouth Avenue
- BURCH, VELLA JANE, A.B., A.M., B.A. in L.S.
Cataloger 316 N. Elizabeth Street
- CLEMENTS, LILLIE DUKE, A.B.
Assistant, Serials Department 1024 Markham Avenue
- CLINE, JOHN
Assistant, Circulation Department 405 South Alston Avenue
- COVINGTON, LENA, A.B., A.B. in L.S.
Classifier 1008 Monmouth Avenue
- COX, MRS. EVA WOODALL, A.B.
Librarian in Charge, Divinity School Library No. 4 Allenton Apts.

COX, VIRGINIA E., A.B. <i>Librarian in Charge, Chemistry Library</i>	1017½ Gloria Avenue
DOUGLAS, ELINOR, A.B., M.A. <i>Assistant, Periodical Room</i>	2114 Myrtle Avenue
DUDLEY, MRS. KATHLEEN MAULTSBY, A.B. <i>Assistant, Serials Department</i>	310 Oakwood Avenue
DUKE, MRS. KENNETH L. <i>Secretary to the University Librarian</i>	2112 Englewood Avenue
FORLINES, MARTHA LANE, A.B. <i>Assistant, Circulation Department</i>	1014 Broad Street
FRAZIER, ROSE MARIE, B.S., B.M., A.B. <i>Circulation Librarian</i>	1107 Watts Street
FREY, CHARLOTTE <i>Assistant, Reference Department</i>	819 Third Street
FREY, ELLEN, B.A., M.A. <i>Reference Librarian</i>	819 Third Street
GOODWIN, NOMA LEE, A.B. <i>Assistant, Manuscripts Department</i>	Roxboro Road
HIX, EDWIN JONATHAN, A.B. <i>Circulation Librarian</i>	127 Exum Street
HOPKINS, BERTHA, B.S., A.B. in L.S. <i>Serials Cataloger</i>	No. 11 Trinity Apartments
JETT, FLORENCE LEIGH, A.B., A.B. in L.S. <i>Bibliographer, Order Department</i>	1011 Monmouth Avenue
KENNEDY, VIRGINIA, A.B. <i>Assistant in Charge, Physics-Mathematics Library</i>	2416 Huron Street
KIMBALL, MRS. RALPH, A.B., B.S. in L.S. <i>Cataloger</i>	2112 Wilson Street
McMILLAN, LOUISE <i>Assistant, Serials Department</i>	1414 Dollar Avenue
MATZ, MRS. PHOEBE LAND, A.B., B.S. <i>Cataloger</i>	No. 11 Trinity Apts.
MAULTSBY, MARGARET DEEMS <i>Assistant, Catalog Department</i>	1314 Broad Street
MONIER, EUGENIE <i>Librarian in Charge, Engineering Library</i>	1020 Monmouth Avenue
MONTAGUE, MARGARET, A.B. <i>Assistant, Catalog Department</i>	206 Parrish Place
OATHOUT, MRS. EVELYN LEWIS, B.S. <i>Documents Cataloger</i>	1021 Gloria Avenue
PARKER, WIXIE ELMA, A.B., B.S. in L.S. <i>Librarian in Charge, Periodical Room</i>	No. 7 Powe Apts., Watts St.
POOLE, MARY ELIZABETH, A.B., B.A. in L.S. <i>Librarian in Charge, Documents Room</i>	407 Watts Street
RAMAGE, MARY ALLENE, A.B., B.A. in L.S. <i>Newspaper Librarian</i>	1003 Monmouth Avenue
ROBERTS, MRS. WESLEY <i>Assistant, Catalog Department</i>	Hillsboro, N. C.

ROSE, MRS. JESSE, A.B. <i>Reference Librarian</i>	804 Fourth Street
SAUNDERS, MRS. VERINA, B.S., M.A. <i>Assistant, Reference Department</i>	819 Third Street
SCRUGGS, MRS. OUIDA PRICE, B.S., B.S. in L.S., M.A. in L.S. <i>Undergraduate Reference Librarian</i>	804 Fourth Street
SEIGLER, MRS. M. B., A.B. <i>Cataloger</i>	1311 Arnette Avenue
SHUFORD, MARY OPAL, A.B., A.B. in L.S. <i>Cataloger</i>	805 Sixth Street
SIEGEL, MRS. PAUL, A.B. <i>Assistant, Order Department</i>	222 Morris Street
SNIPES, ELIZABETH B., A.B. <i>Assistant in Charge, Work Room</i>	1011 Monmouth Avenue
STALLCUP, MARJORIE <i>Librarian in Charge, Biology Library</i>	1017 Gloria Avenue
STRICKLAND, ERMA <i>Accessions Librarian</i>	911 Second Street
TAGGART, EMMA LOU, A.B., B.S. in L.S. <i>Cataloger</i>	1001 Monmouth Avenue
WILKERSON, MRS. LUTHER C. <i>Secretary to the Librarian Emeritus</i>	613 Milton Avenue

WOMAN'S COLLEGE LIBRARY

GRIGGS, LILLIAN BAKER, MRS., B.A. in L.S. <i>Librarian</i>	915 Monmouth Avenue
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HARRISON, EVELYN JENNINGS, A.B., B.S. in L.S. <i>Head Cataloger</i>	1008 Monmouth Avenue
HICKS, MRS. SPEARS, A.B., A.B. in L.S. <i>Reference Librarian</i>	121 West Seeman Street
HOBGOOD, MRS. BURKE, JR., A.B. <i>Assistant, Circulation Department</i>	2406 Highland Avenue
PARKER, ENID, A.B., M.A., B.A. in L.S. <i>Periodicals Librarian</i>	307 Faculty Apartments
SHEPARD, ELIZABETH, A.B., A.B. in L.S. <i>Cataloger</i>	703 Watts Street
TILLET, MARGARET S., A.B., A.B. in L.S. <i>Circulation Librarian</i>	112 West Seeman Street

LAW LIBRARY

ROALFE, WILLIAM ROBERT, LL.B. <i>Librarian</i>	2410 West Club Boulevard
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COVINGTON, MARY SIMMONS, A.B., LL.B. <i>Research Librarian</i>	Faculty Apartments
DAY, KATHERINE, B.S. <i>Assistant Cataloger</i>	512 Watts Street

LONG, MARIANNA, A.B., B.S. in L.S. <i>Head Cataloger</i>	1008 Monmouth Avenue
BETHEA, LOUISE <i>Assistant in Order Division</i>	1023 Gloria Avenue
HESSEE, NATALIE <i>Secretary to the Librarian</i>	203 Roxboro Street

MEDICAL SCHOOL LIBRARY

FARRAR, JUDITH, A.B., B.S. <i>Librarian</i>	177 Faculty Apartments, East Campus
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UNIVERSITY CHAPEL

HICKMAN, FRANKLIN SIMPSON, A.B., A.M., S.T.B., Ph.D. <i>Dean of the Chapel</i>	823 Buchanan Road
---	-------------------

BARNES, JAMES FOSTER, A.B., A.M. <i>Director of Choral Music</i>	2401 Cranford Road
BREES, ANTON <i>University Carillonneur</i>	1912 House Street
BROADHEAD, EDWARD HALL, A.B., A.M., M.M. <i>University Organist</i>	1015 Dacian Avenue
BABCOCK, FARRAR JEANNE, A.B. <i>Assistant in Religious Activities, Woman's College</i>	203 Watts Street
COTTINGHAM, W. THOMAS, JR., A.B. <i>Assistant in Religious Activities, Trinity College</i>	Duke University

PHYSICAL EDUCATION AND STUDENT HEALTH

*WADE, WALLACE, A.B. <i>Director of Physical Education, Trinity College</i>	West Campus
GROUT, JULIA REBECCA, A.B., M.S. <i>Assistant Professor of Physical Education, Woman's College</i>	205 Jones Street
SPEED, JOSEPH ANDERSON, M.D. <i>Director of Student Health</i>	913 Dacian Avenue
PAGE, WRAY RAMSEY, MRS., (1928) R.N. <i>Resident Nurse</i>	East Campus Infirmary
†VENNING, LAURA EUGENIA ROSS, (1941) A.B., M.D. <i>Resident Physician, Woman's College</i>	Duke University
VESTAL, MOZELLE, (1931) R.N. <i>Resident Nurse</i>	East Campus Infirmary

SOCIAL AND MUSICAL ACTIVITIES

BARNES, EVELYN, B.S. <i>Head of Alsbaugh House</i>	Alsbaugh House
---	----------------

* Absence on National Defense leave, 1942-1943.

† Resigned, June 30, 1942.

BARNES, JAMES FOSTER, MRS. <i>Director of the Woman's College Musical Clubs</i>	2401 Cranford Road
*CHAFFIN, NORA CAMPBELL, A.B., A.M. <i>Head of Bassett House</i>	Bassett House
DITLEVSON, ARLINE, A.B., A.M. <i>Head of Aycock House</i>	Aycock House
FEARING, ROBERT BEVERIDGE <i>Director of the College Orchestras and Band</i>	410 Watts Street
HULL, ALMA, A.B. <i>Head of Pegram House</i>	Pegram House
PEMBERTON, MARY NORCOTT, MRS. <i>Hostess, West Campus Union</i>	Kilgo Quadrangle, West Campus
TAYLOR, HARRIET, MRS. <i>Head of Giles House</i>	Giles House
<hr/>	
ALDRIDGE, FRED SOULE, A.B., A.M. <i>Chaplain of Duke Hospital and Director of the Golden Cross</i>	East Campus
†UPCHURCH, WALTER MCGOWAN, JR., A.B., LL.B. <i>Financial Adviser, Student Activities</i>	Faculty Apartments

FELLOWS AND GRADUATE ASSISTANTS

UNIVERSITY FELLOWS

<i>Name</i>	<i>Department</i>	<i>Home Address</i>
BAUMGARTEN, ERWIN B.S., California Institute of Technology; A.M., University of California at Los Angeles	Chemistry	Pasadena, Calif.
BENNETT, JOHN BOYCE A.B., Wofford College; B.D., Duke University	Religion	Fort Mill, S. C.
CAUGHEY, MARY GLADYS B.S., Geneva College; A.M., Columbia University	Botany	Chester, W. Va.
CIVIN, PAUL A.B., University of Buffalo; A.M., Duke University	Mathematics	Buffalo, N. Y.
DECKER, JOHN PETER B.S., University of Idaho; A.M., Duke University	Botany	Moscow, Idaho
‡DIBELER, VERNON HAMILTON B.S., A.M., Duke University	Chemistry	Roselle Park, N. J.
§HAMMOND, HANS A.B., University of Florida	History	New York, N. Y.
HARDCASTLE, AARON BASCOM A.B., A.M., University of Richmond	Zoology	Durham, N. C.
HUMM, HAROLD JUDSON B.S., University of Miami	Botany	Miami, Fla.
MCDUGALL, KENNETH DOUGAL Duke University	Zoology	Durham, N. C.

* Absent on leave, second semester, 1941-1942.

† Absent on National Defense leave, 1942-1943.

‡ Resigned, December 13, 1941.

§ Resigned, February 2, 1942.

MEDALIE, ESTHER LEAH A.B., University of Minnesota	Political Science	Minneapolis, Minn.
PERRY, PERCIVAL A.B., Wake Forest College; A.M., Rutgers University	History	Chesterfield, S. C.
RAPP, MARVIN AUGUST A.B., Colgate University; A.M., Duke University	History	Buffalo, N. Y.
REYNOLDS, JOHN BRADLEY A.B., Duke University	Education	Mt. Savage, Md.
RICHARDS, JAMES AUSTIN, JR. A.B., Oberlin College	Physics	Oberlin, Ohio
‡ROBERTS, HENRY STOUTTE, JR. A.B., Mercer University	Zoology	Milledgeville, Ga.
¶ROBERTS, LUCIEN EMERSON A.B., A.M., University of Georgia	History	Carrollton, Ga.
SCHROYER, FRANKLIN KARL A.B., Allegheny College; A.M., University of Buffalo	Physics	Loganton, Pa.
SOODAK, HARRY B.S., College of the City of New York	Physics	Bronx, N. Y.
**STEWART, PAUL DEKKER A.B., Hope College; A.M., Duke University	Political Science	Asheville, N. C.
TEAGARDEN, LUCETTA JANE A.B., Wilson College; A.M., Duke University	English	Carmichaels, Pa.
††WOOD, FREDERIC MARCUS, JR. A.B., Western Reserve University	Latin	Madison-on-the-Lake, Ohio

DUKE-BROOKINGS FELLOW

GERVIN, SPENCER REX B.S., East Tennessee State Teachers College; A.M., Duke University	Political Science	Limestone, Tenn.
---	-------------------	------------------

INDUSTRIAL RESEARCH FELLOWS

COGSWELL, SUMTER ALDAGE B.S., Duke University	Chemistry	Chattanooga, Tenn.
HACKNEY, EDWARD JUNE B.S., Duke University	Chemistry	Durham, N. C.
MOFFETT, ROBERT PREYER B.S., Duke University	Chemistry	Greensboro, N. C.

GRADUATE ASSISTANTS

‡‡ABRAMOVITCH, BENJAMIN B.S., McGill University	Chemistry	Montreal, Quebec, Canada
ADAMS, JOE TAYLOR B.S., Southern Methodist University	Chemistry	Dallas, Texas
¶¶ALDRIDGE, ALFRED OWEN B.S., Indiana University; A.M., University of Georgia	English	Buffalo, N. Y.

‡ Resigned, February 9, 1942.

¶ Appointed, February 3, 1942.

|| Resigned, December 15, 1941.

** Resigned, January 29, 1942.

†† Resigned, November 18, 1941.

‡‡ Appointed, November 12, 1941.

¶¶ Resigned, February 24, 1942.

AMORE, SALVATORE THOMAS A.B., Brooklyn College; A.M., Duke University	Chemistry	Brooklyn, N. Y.
BARTON, ELEANOR PHILLIPS A.B., Woman's College of the University of North Carolina; A.M., Columbia University	Zoology	Greensboro, N. C.
‡BROWN, HENRY CLAY, III B.S., Duke University	Chemistry	Shamrock, Fla.
¶BROWN, WALTER VARIAN A.B., M.S., Brown University	Botany	Durham, N. C.
BRYAN, WILLIAM ALFRED A.B., College of Charleston; A.M., Duke University	English	Sumter, S. C.
BYERS, GORDON CLEAVES A.B., University of Michigan	Mathematics	Hancock, Mich.
CARTER, MARY MARJORIE A.B., Florida State College for Women	Romance Languages	Palatka, Fla.
CLARK, FRANK EUGENE A.B., Dartmouth College	Mathematics	Elizabethton, Tenn.
**CLAYTON, LILYAN A.B., M.S., University of Oklahoma	Zoology	Durant, Okla.
††CLEVELAND, LESLIE JOSEPH A.B., Carleton College	History	International Falls, Minn.
COMSTOCK, MARTHA ALIDA A.B., Smith College	Botany	Lynn, Mass.
CRAGHEAD, FRANCES ANN A.B., Randolph-Macon Woman's College; A.M., Duke University	Latin	Lynchburg, Va.
DEAL, CARL HOSEA, JR. B.S., Duke University	Chemistry	Salisbury, N. C.
DIAMOND, STANLEY STUART A.B., University of Wichita; A.M., Haverford College	Political Science	Wichita, Kan.
EARLY, BENJAMIN WEISIGER A.B., A.M., University of Virginia	English	Richmond, Va.
EPSTEIN, HERMAN THEODORE A.B., University of Michigan	Physics	Portland, Maine
FIREBAUGH, JOSEPH JESSE A.B., University of Colorado; A.M., Duke University	English	Denver, Colo.
‡‡FREISER, HENRY B.S., College of the City of New York	Chemistry	New York, N. Y.
GARDNER, RALPH AHIGA A.B., A.M., University of Kentucky	Philosophy	Somerset, Ky.
HAHN, SAMUEL WILFRED A.B., Lenoir Rhyne College	Mathematics	Winston-Salem, N. C.
HAPALA, MILAN ERNEST A.B., Beloit College; A.M., University of Nebraska	Political Science	Brno, Czechoslovakia

‡ Appointed, February 12, 1942.

¶ Resigned, February 3, 1942.

|| Resigned, December 15, 1941.

** Resigned, February 17, 1942.

†† Resigned, February 5, 1942.

‡‡ Resigned, November 15, 1941.

HARDENDORFF, VICTOR HALL A.B., Amherst College	English	North Amherst, Mass.
†HESTER, WILLIAM HENRY, JR. A.B., A.M., Emory University	Philosophy	Atlanta, Ga.
‡HOLMAN, HARRIET R. A.B., Winthrop College; A.M., University of Michigan	English	Anderson, S. C.
HOSACK, ROBERT EWING A.B., College of Wooster; A.M., University of Chicago	Political Science	Durham, N. C.
HULL, EDYTH MAUD A.B., Duke University	Psychology	Shaker Heights, Ohio
HULL, WAYLAND ELROY A.B., Milton College	Zoology	Milton, Wis.
JACKSON, ELIZABETH GRINNAN A.B., A.M., College of William and Mary	English	Norfolk, Va.
¶JOHNSON, KATHRYN ELOISE A.B., Duke University	Botany	Glen Burnie, Md.
JOHNSON, LAWRENCE CLIFFORD A.B., State University of Iowa	Sociology	Durham, N. C.
JONES, JAMESON MILLER A.B., Southwestern; B.D., Louisville Presbyterian Theological Seminary	Religion	Corinth, Miss.
JORDAN, CHARLES DANIEL A.B., East Carolina Teachers College; A.M., George Peabody College for Teachers	Zoology	Greenville, N. C.
KAO, CHUN CH'UN A.B., A.M., Yenching University	Psychology	Peiping, China
KNEIPP, JANET RETTEW A.B., Duke University	English	Durham, N. C.
KNIGHT, WALTER DAVID, JR. A.B., Middlebury College	Physics	Newton Centre, Mass.
KOCH, SIGMUND A.B., New York University; A.M., State University of Iowa	Psychology	New York, N. Y.
KOZLOWSKI, THEODORE THOMAS B.S., Syracuse University; A.M., Duke University	Forestry	Buffalo, N. Y.
KRAUSE, JAMES BARBER A.B., University of Alabama	Zoology	Williamsport, Pa.
LEVITSKY, IHOR ALEXANDER A.B., University of Rochester; A.M., University of Buffalo	Philosophy	Rochester, N. Y.
LIVINGSTON, ROBERT BLAIR A.B., Colorado College; A.M., Duke University	Botany	
LUNDBERG, DONALD EMIL A.B., Iowa State Teachers College	Psychology	Waterloo, Iowa
MAEGLIN, JOHN WILLIAM A.B., State University of Iowa	Sociology	Muscatine, Iowa
*MAGALHAES, HULDA B.S., New Jersey College for Women; A.M., Mount Holyoke College	Zoology	Hopewell, N. J.

† Resigned, January 27, 1942.

‡ Appointed, February 23, 1942.

¶ Appointed, February 3, 1942.

|| Resigned, February 1, 1942.

* Appointed, October 27, 1941.

MALONE, THOMAS PATRICK A.B., Duke University	Sociology	Mahanoy City, Pa.
†MARSH, JAMES WHITE A.B., Duke University	Chemistry	Monroe, N. C.
MASSEY, CALVIN LEROY B.S., Colorado State College; A.M., Duke University	Forestry	Wheatridge, Col.
MEASDAY, WALTER SPARKS A.B., College of William and Mary	Economics	Westwood, N. J.
MESERVE, BRUCE ELWYN A.B., Bates College; A.M., Duke University	Mathematics	Portland, Me.
‡MINNICH, LAWRENCE ARTHUR, JR. A.B., Princeton University	History	Lorain, Ohio
MONTGOMERY, CLYDE RAYMOND A.B., Salem College; M.S., West Virginia University	Education	Andrews, N. C.
¶MORANA, SIMON JOSEPH B.S., Western Reserve University	Chemistry	Cleveland, Ohio
NEEL, SAMUEL REGISTER, JR. A.B., Emory and Henry College	Religion	Cumberland, Md.
¶¶OGLESBY, ROSCOE RALPH A.B., Georgetown College; A.M., University of Virginia	Political Science	Lynchburg, Va.
**O'ROURK, ANN ELISABETH A.B., Duke University	Zoology	Dundalk, Md.
PATRICK, CLARENCE HODGES A.B., Wake Forest College; B.D., Andover Newton Theological School	Sociology	Greenville, N. C.
PURCELL, JAMES SLICER, JR. A.B., John B. Stetson University; A.M., Duke University	English	Lakeland, Fla.
††RANDALL, ELMA LOUISE A.B., John B. Stetson University	Zoology	Daytona Beach, Fla.
‡‡RAPAPORT, LORENCE A.B., Harvard University	Chemistry	Hartford, Conn.
REYNOLDS, THOMAS DAVIES A.B., Duke University	Mathematics	Asheville, N. C.
SAMUELL, JAMES MADISON A.B., Ohio Wesleyan University; A.M., Ohio State University	Education	Zanesville, Ohio
SAUNDERS, ERNEST WILLIAM B.S., S.T.B., Boston University	Religion	Boston, Mass.
SCHERAGA, HAROLD ABRAHAM B.S., College of the City of New York	Chemistry	Brooklyn, N. Y.
¶¶¶SEEVERS, DELMAR OSWELL B.S., Duke University	Physics	St. John, Kan.
SHIPMAN, WILLIAM HAROLD A.B., Montana State University	Economics	Hendersonville, N. C.

† Appointed, February 26, 1942.

‡ Resigned, February 13, 1942.

¶ Appointed, November 13, 1941.

¶¶ Appointed, February 3, 1942.

** Appointed, February 23, 1942.

†† Resigned, October 22, 1941.

‡‡ Resigned, February 15, 1942.

¶¶¶ Resigned, December 15, 1941.

SMITH, WILLIAM JORDAN JOSEPH A.B., University of Texas	Economics	Dallas, Texas
¶STALLCUP, MARY JANE B.S., Duke University	Physics	St. Petersburg, Fla.
STARLING, JAMES HOLT A.B., A.M., University of Alabama	Zoology	Troy, Ala.
¶¶STEWART, TRUMAN JOEL A.B., Earlham College; A.M., Duke University	History	West Alexandria, Ohio
STOCKDALE, RUTH MARY B.S., Duke University	Chemistry	Pittsburgh, Pa.
**TARRANT, PAUL B.S., Howard College; M.S., Purdue University	Chemistry	Birmingham, Ala.
TAYLOR, DONALD LAVOR B.S., M.S., Utah State Agricultural College	Sociology	Ephraim, Utah
††THOMAS, OPAL BERNADINE A.B., Rockford College; A.M., University of Wisconsin	Economics	Madison, Wis.
‡‡TOMPSON, READE YATES B.S., Brown University	Chemistry	Attleboro, Mass.
WAGNER, BROOKS MILTON A.B., University of Arkansas; B.D., Duke University	Religion	Stilwell, Okla.
¶¶WATTS, DANIEL THOMAS A.B., Elon College	Zoology	Elon College, N. C.
¶¶¶WERBEL, BURTON A.B., New York University; A.M., Duke University	Chemistry	Newark, N. J.
WHELPTON, MONIQUE MURIEL A.B., Furman University	Romance Languages	Paris, France
WILSON, CHARLES CHRISTOPHER B.S., University of Miami	Botany	Miami, Fla.

GRADUATE SCHOLARS

ARCHBOLD, JULIANA ELIZABETH A.B., Hiram College	Romance Languages	Lakewood, Ohio
BAKER, MAURY DAVISON, JR. A.B., University of Miami	History	Richmond, Va.
BAXTER, JOSEPH RAY A.B., Berea College	History	Camp Dix, Ky.
BRADSHAW, CATHERINE PAULINE A.B., College of St. Teresa; A.M., University of Minnesota	Greek	Kimball, S. D.
BREWSTER, LAWRENCE FAY A.B., College of William and Mary; A.M., Columbia University	History	Durham, N. C.
ELLEN, JOHN CALHOUN, JR. A.B., Emory and Henry College	History	Dillon, S. C.

¶ Appointed, January 30, 1942.

¶¶ Resigned, January 28, 1942.

** Resigned, November 13, 1941.

†† Appointed, February 3, 1942.

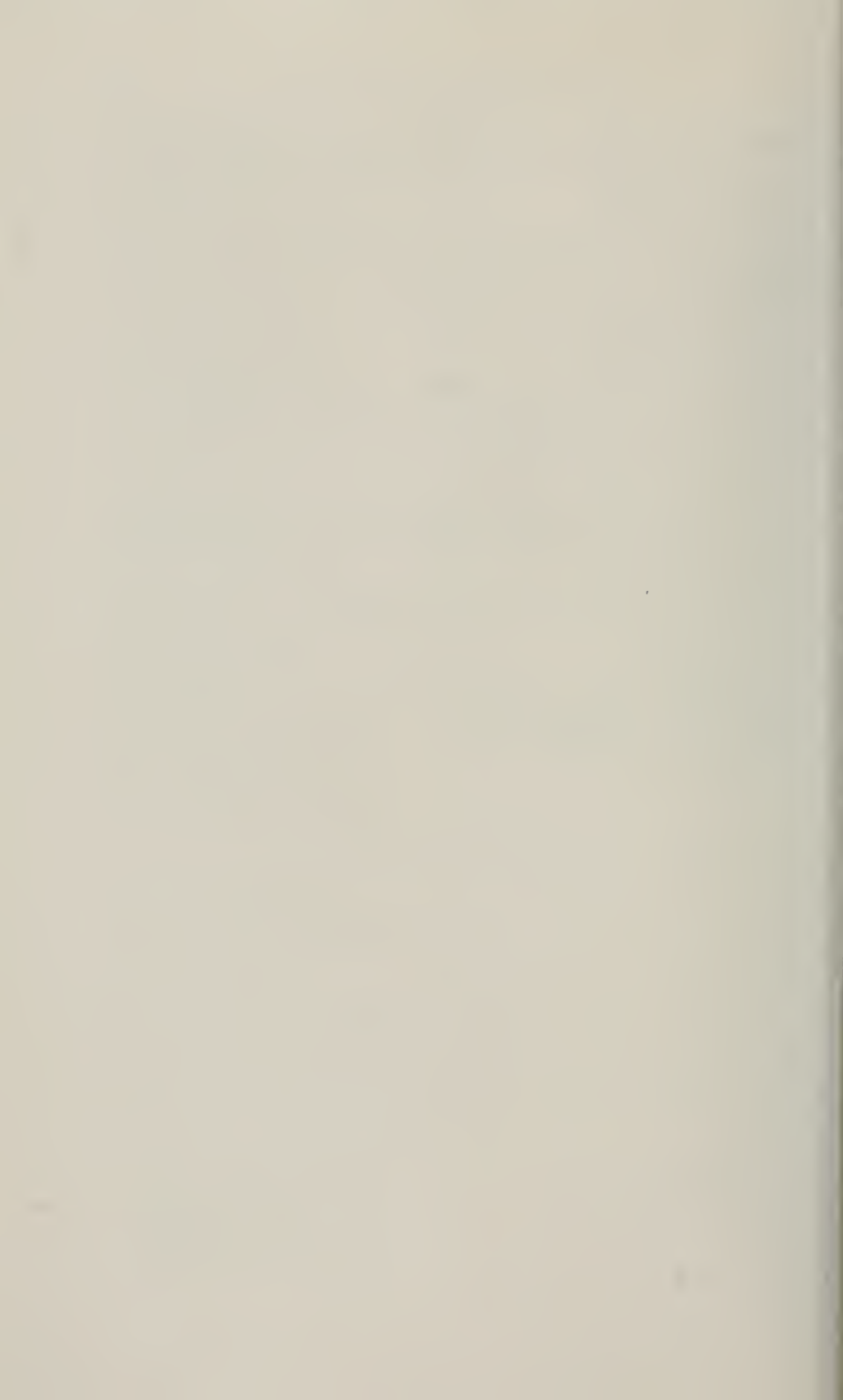
‡‡ Resigned, November 13, 1941.

¶¶ Resigned, March 6, 1942.

¶¶¶ Appointed, November 13, 1941.

ELLIOTT, FLAVEL SCOTT A.B., Dartmouth College; A.M., University of North Carolina	English	Durham, N. C.
EVANS, ALONA ELIZABETH A.B., Duke University	Political Science	Durham, N. C.
HARTMAN, INEZ REBECCA A.B., University of Chattanooga	Romance Languages	Chattanooga, Tenn.
KAMIN, HENRY B.S., College of the City of New York	Biochemistry	Brooklyn, N. Y.
LANG, CECIL YELVERTON A.B., Duke University	English	Walstonburg, N. C.
LEARY, THOMAS FRANCIS B.S., Appalachian State Teachers College; A.M., Duke University	English	Northampton, Mass.
LORMAN, JUSTINE HELEN A.B., University of Pennsylvania	English	Philadelphia, Pa.
LUCHANS, DOROTHY R. ALEXANDER A.B., Duke University	German	Atlanta, Ga.
MURDOCH, BERNARD CONSTANTINE B.S., Appalachian State Teachers College; M.Ed., University of Cincinnati	Education	Charlotte, N. C.
NEUPERT, LOIS ELIZABETH A.B., Mount Holyoke College	English	Maplewood, N. J.
QUEEN, FRANCIS VERNON A.B., Berea College	Political Science	Ashland, Ky.
ROGERS, NAT SIMS A.B., Millsaps College	Economics	New Albany, Miss.
*STEWART, CLIFFORD WEST B.S., Alabama Polytechnic Institute	History	Opelika, Ala.

* Resigned, December 16, 1941.



UNDERGRADUATE COLLEGES

Trinity College
The Woman's College
The College of Engineering

1941-1942
ANNOUNCEMENTS FOR 1942-1943

THE COLLEGES

GENERAL STATEMENT

Duke University offers in Trinity College, the Woman's College, and the College of Engineering three academic degrees for undergraduate work: Bachelor of Arts, Bachelor of Science, and Bachelor of Science in Civil, Electrical, or Mechanical Engineering. Ten groups of studies lead to the degree of Bachelor of Arts, and two groups of studies lead to the degree of Bachelor of Science. These groups are designated by Roman numerals in the order in which they are described. For a description of these groups, see the section elsewhere in this catalogue under the topic "Groups of Studies for the Degree of Bachelor of Arts."

TRINITY COLLEGE

Trinity College is the undergraduate college for the men of Duke University and is situated on the West Campus along with the Graduate School of Arts and Sciences, the School of Law, the School of Medicine, the School of Nursing, the School of Forestry, and the Divinity School.

THE WOMAN'S COLLEGE

The Woman's College of Duke University is a college of arts and sciences within the University which provides for the instruction of undergraduate women as Trinity College provides for the instruction of undergraduate men.

The teachers of the College, many of whom teach also in Trinity College, are members of the University Faculty and are selected in cooperation with the several departments of instruction just as in the case of teachers of Trinity College, thus assuring a uniform educational standard. Graduates of the Woman's College, as graduates of all other colleges and schools within the University, receive their degrees from Duke University.

THE COLLEGE OF ENGINEERING

Duke University, through the College of Engineering, offers standard four-year courses in civil, electrical, and mechanical engineering, with an aeronautics option for mechanical engineers. These departments are housed respectively in Bivins, Asbury, Branson, and the Aeronautics Laboratory buildings. Allied subjects are taught on the East Campus in Carr, West Duke, and the Science buildings. The James H. Southgate Memorial Building, set aside for the housing of engineering students, contains social rooms, recitation rooms, gymnasium, dining rooms, and kitchen, as well as dormitory facilities. Meals are provided in this building at the same rate which prevails in the other University dining halls.

THE LIBRARIES

The library resources of the University total 632,327 volumes, 687,262 manuscript pieces, and 1,185 books on microfilm. Eighty-five foreign and domestic newspapers and 3,411 periodicals are received currently.

The University Library, in which the bulk of the collection is housed, is centrally located on the West Campus. The main Reference and Reading Room on the second floor contains about 5,000 volumes of important reference works and the books on reserve for senior-graduate courses. The Undergraduate Reading Room on the first floor contains a selection of reference books and the books on reserve for undergraduate courses, with additional books for general undergraduate reading. This room thus provides an undergraduate reading collection of approximately 5,000 selected volumes. The Documents Room on the second floor gives students access to the official publications of the federal and state governments. Seniors, honor students, and others undertaking special studies may be admitted to the stacks to facilitate their work. Libraries in the Chemistry, Physics, Biology, Engineering, and Divinity School buildings are a special convenience for students in these fields.

The Woman's College Library, which is one of the dominant units of the Georgian architecture of the East Campus, contains approximately 50,000 volumes. Among these are the books most constantly needed in the undergraduate work of women students. An attractive feature of the Library is the Booklovers' Room, comfortably furnished, where on open shelves students may find the newest books in various fields.

Undergraduate students also have free access to the library collections of the Medical and Law Schools.

NAVAL RESERVE OFFICERS' TRAINING CORPS

The primary object of the Naval Reserve Officers' Training Corps is to provide systematic instruction and training in essential naval subjects for a group of selected students so that they may be qualified and available for duties as deck officers in the United States Navy. The work supplements other courses taken in the University.

Admission

Enrollment in the Naval Reserve Officers' Training Corps is entirely voluntary. Applicants must pass a physical examination given by medical officers of the United States Navy.

Students are required to make applications on regular forms, which will be mailed on request. Applications are received at any time during the summer for the academic year beginning in September. No final acceptances are made, however, until after the student has reported in the fall, and the physical examinations and personal interview have been completed.

Outline of Course

The Department of Naval Science and Tactics is an integral part of the University, and the courses in Naval Science and Tactics are on the same level and receive the same form of credit toward graduation as other courses in the University.

The course in Naval Science and Tactics is a four-year course and runs continuously. Each semester's work is a prerequisite for the following semester's work.

The course consists of three hours of classwork and two hours of drill, lecture, or laboratory a week.

The study of navigation and other subjects included as a part of the course requires a basic knowledge of mathematics, including algebra, plane and solid geometry, and plane trigonometry. Freshman mathematics will fulfill this requirement.

Each summer, unless some emergency interferes, Naval Reserve Officers' Training Corps students are permitted to make a cruise of three or four weeks on a ship of the United States Navy without expense to the student, except for personal spending money. The Advanced Course cruise made by students at the end of their Junior year is a requirement for their commission.

Uniforms, Books and Equipment

Students in the course are furnished complete uniforms by the Navy Department. However, students provide themselves such items as collars, white shirts, black socks, and black shoes.

All books and equipment that the student needs in the course are lent to him without cost. A deposit of ten dollars is required of each student to cover lost or damaged equipment. This deposit, or as much of it as remains, will be returned when the student severs his relation with the Unit.

Draft Status

Students enrolled in the Naval Reserve Officers' Training Corps may, at their volition, enlist in the U. S. Naval Reserve, Class V-1, which exempts them from the Selective Service and Training Act, so long as they remain in the Unit. This enlistment is canceled if connection with the Unit is severed for any reason.

ADMISSION TO TRINITY COLLEGE AND THE WOMAN'S COLLEGE

Applicants may qualify for admission to Trinity College or the Woman's College as members of the Freshman Class or as students with advanced standing. Since the enrollment in the two colleges is limited, the Committee on Admissions will select the students who, in its opinion, are best qualified to benefit from the educational advantages which the colleges offer.

APPLICATION FOR ADMISSION

Application for admission to Trinity College should be made to the Secretary of Duke University, Duke Station, Durham, North Carolina, for transmittal to the Council on Admissions. Application for admission to the Woman's College should be made to the Committee on Admissions, College Station, Durham, North Carolina. Forms of application will be sent on request.

GENERAL REQUIREMENTS

Admission to Trinity College and to the Woman's College is dependent upon the ability, attainments, and character of the applicant. Each applicant must see that the Committee on Admissions receives a complete record of his work in secondary school or college, the required medical certificate, and satisfactory evidence of his good character and ability.

SPECIFIC REQUIREMENTS

An applicant for admission to the Freshman Class must present at least fifteen acceptable units of secondary school credit. A unit of credit is allowed for a subject of study pursued throughout an academic year at an accredited secondary school, if the course has demanded five recitations a week and the prescribed amount of work has been completed satisfactorily.

1. Twelve units must be in English, foreign language, history and social studies, mathematics, and natural science; and must include:
 - (a) English—4 units
 - (b) Algebra—1 unit
 - (c) Plane geometry—1 unit.
2. Three units may be in the subjects listed above or from those in the following table. The units indicate the maximum amount of credit acceptable in each subject:

SUBJECT	UNITS	SUBJECT	UNITS
Agriculture	2	Mechanical Drawing	2
Art	1	Music	1
Commercial Subjects	3	Physical Geography	1
Economics	1	Sociology	1
Household Economics	2	Woodworking, Machine Work	2

Other units offered in subjects not included in this list will be considered for acceptance on the basis of full statements transmitted with the applicant's record from the school recommending him.

ADMISSION BY CERTIFICATE

A graduate of an accredited school, who submits a certificate of proficiency in fifteen acceptable units of secondary school subjects, and is recommended by his principal, may be admitted without examination. This certificate must be on blanks furnished by the College and signed by the principal of the school in which the applicant completed his course.

ADMISSION BY EXAMINATION

An applicant who presents fifteen acceptable units for admission from a nonaccredited school is required to validate these units by entrance examinations and such other tests as the College may prescribe.

ADMISSION WITH ADVANCED STANDING

A student of good character who has completed satisfactorily at least one full year of college work in an approved college may be admitted with advanced standing. He must have fulfilled the equivalent of the requirements for admission to the Freshman Class, must present official certificates of all work done in other institutions, and have honorable dismissal from each institution previously attended. Credit for work completed will be determined in relation to the curriculum at Trinity College or the Woman's College.

A student enrolling for the Bachelor's degree who transfers from a junior college or from a four-year college not affiliated with the Southern Association, or a similar regional association, is under all circumstances required to continue for at least one semester in Trinity College or in the Woman's College the foreign language he presents for minimum graduation requirements.

A student who has transferred from a junior college or from a four-year college not affiliated with the Southern Association, or a similar regional association, must present laboratory notebooks in all science courses that are offered for advanced credit.

A student admitted with advanced standing will be given an average grade of "C" on the semester-hours with which he is credited, provided his grades warrant it. In order to make his provisional classification final, he must pass during his first year of residence not less than the equivalent of four year-courses, with an average grade of "C" or higher.

The maximum amount of credit acceptable from a junior college is sixty-two semester-hours.

No credit is given for work completed by correspondence and not more than six semester-hours of credit are allowed for work done by extension. Any extension work accepted must be specifically approved by the Dean of the College.

ADMISSION FOR SPECIAL WORK

Upon the approval of the Dean, a student of mature age may be admitted for special work in such courses of instruction as he is qualified to take, but not as a candidate for a degree in regular course unless he meets all requirements for admission.

READMISSION OF FORMER STUDENTS

A student who desires, following withdrawal from college, to return to the College and complete the requirements for a degree should apply for readmission to the Dean of the College. If a student, during his absence from the College, has completed any undergraduate work in another institution, he must submit an official transcript of such work, together with a statement of honorable dismissal, from that institution.

PRELIMINARY TESTS AND EXAMINATIONS

During the week immediately preceding the opening of college, all Freshmen are given health examinations, and tests on the basis of which they are assigned to proper sections in chemistry, English, mathematics and foreign languages.

ACCELERATED PROGRAMS OF STUDY

During the period of the present emergency accelerated programs of study are offered in several divisions of the University without sacrificing the quantity or quality of the work required for graduation. Provision is made for the entrance in June of students in the undergraduate colleges when graduation in three years is desired. A program looking to graduation in three years is compulsory in the School of Medicine, while the option of three-year graduation is offered students in the School of Law.

(A special bulletin on the accelerated programs has been issued and is available upon request.)

REQUIREMENTS FOR THE DEGREE OF BACHELOR OF ARTS

GENERAL REGULATIONS

The requirements for the degree of Bachelor of Arts are designed to give the students such training in certain fundamental subjects as is essential for intelligent, educated citizens. The requirements also provide the opportunity for as wide an election as possible from courses of study which are both interesting and practically helpful in connection with vocations the students plan later to pursue.

Credit for one hundred and twenty semester-hours, on which an average grade of "C" must be made, is required for the degree of Bachelor of Arts in all groups. In addition to these requirements all candidates for the Bachelor of Arts must complete, with an average grade of "C" or better, physical education to the equivalent of six semester-hours. In Trinity College the physical education requirement is completed by the end of the Sophomore year; in the Woman's College, by the end of the Junior year.

The Faculty has authorized the groups of studies below for the guidance of students in selecting the work required for graduation. A student is free to choose any group he may desire. The several groups are designed to be of special value in a chosen profession and at the same time to provide a well-balanced course of study. With the approval of the Dean a student may at any time transfer from one group to another. In such transfers, work done in one group and not prescribed in the other will count as general elective credit, but all work prescribed in the new group must be completed before the student can be graduated.

No student is permitted to take less than fourteen semester-hours of work without special permission from the Dean; to take more than the normal load of work (fourteen to seventeen semester-hours) unless his average grade in the preceding semester is "C" or above; or, under any conditions, to take more than nineteen semester-hours of work, exclusive of required physical education.

On or before the date announced for the spring registration every student is required to designate the group in which he plans to graduate and to arrange his program of courses for the ensuing year. All students, when choosing courses, are urged to seek the advice of instructors in whose departments they expect to receive instruction. No course card is valid until it has the approval of the Dean.

SPECIAL REGULATIONS

The following special rules applying to the selection of courses are authorized by the Faculty:

The total amount of work that a student, other than an Honors student, may take in any one department toward the Bachelor of Arts degree is limited to a maximum of thirty-six semester-hours; with the exception that a student whose principal work is in the Departments of English, Economics, or Romance Languages may be permitted to take additional work in subdepartments not to exceed a total in the department and the subdepartments of fifty-four semester-hours.

Candidates for the degree of Bachelor of Arts whose courses of study permit may elect work from the following subjects: engineering, not to exceed eighteen semester-hours; forestry, not to exceed eighteen semester-hours. The courses elected in these departments must be those approved by the Council on Undergraduate Instruction as appropriate for the Bachelor of Arts degree and published in the *Bulletin of Undergraduate Instruction*. The classification of these courses, as they affect divisions of concentration and restricted electives, is left to the student's major adviser and to the Dean.

No Senior may take for graduation credit any course primarily open to Freshmen; and no Junior may take for graduation credit more than one course primarily open to Freshmen. A list of these courses is published in the *Bulletin* under "Courses of Instruction."

Not more than one course of six or eight semester-hours of credit in final fulfillment of the requirements for the degree of Bachelor of Arts in Duke University may be taken in another institution of approved standing, and this course must first be approved by the head of the department concerned and by the Dean.

MINIMUM UNIFORM REQUIREMENTS FOR ALL GROUPS

The following requirements are authorized for all groups:

	S.H.
English 1-2	6
Natural Science	8
Economics, History, or Political Science	6
Religion	6

In addition to the above requirements, at least the third college year of a foreign language must be completed.

English 1-2, 6 s.h.—This requirement is normally met by the completion of English 1 and 2. However, a Freshman who satisfies the Department of English of his superior ability in composition may substitute another English course for the normal requirement.

Natural Science, 8 s.h.—A student who does not present for entrance an acceptable unit of science must take sixteen semester-hours of science for graduation.

Economics, History, or Political Science, 6 s.h.—A student who does not present for entrance two acceptable units of history (exclusive of other social science work) must take history as his required work; otherwise he may fulfill this requirement in any one of the three subjects.

Foreign Language (third college year).—Students who begin their language requirements in college are expected to follow the sequence of courses laid

down by the department whose work they take and can omit only such course or courses as may be approved both by the department and the office of the Dean. If a Freshman presents for entrance four units of Latin, he may satisfy his language requirements by taking either two years of Latin or two years of Greek. In exceptional cases, on the recommendation of the department and with the approval of the Dean, a student who has completed the second college year of a language may satisfy the requirement in language by completing the first college year of another language.

Of these minimum requirements, at least three courses, including English and foreign language, should be taken in the Freshman year, and all of them, except foreign language and religion, by the end of the Sophomore year.

The courses primarily open to Freshmen and the courses that will satisfy the requirements in history, science, and religion are listed under "Courses of Instruction."

GROUPS OF STUDIES FOR THE DEGREE OF BACHELOR OF ARTS

GROUP I

GENERAL

This group is based on the traditional requirement for the degree of Bachelor of Arts. Students who choose it must complete the minimum uniform requirements for graduation; forty-two semester-hours in a division of concentration, exclusive of courses open primarily to Freshmen (in the Division of the Natural Sciences a maximum of eight hours of Freshman work is permitted in the forty-two hours mentioned above); twelve semester-hours of restricted electives in the other divisions; and free elective work sufficient to complete, with an average grade of "C," the one hundred and twenty-two semester-hours necessary for graduation. The departments of instruction, for purposes of concentration, are grouped in three divisions:

Humanities: English, Fine Arts, German, Greek, Latin, Music, Philosophy, Romance Languages.

Social Science and History: Economics, Political Science, Education, History, Religion, Sociology.

Mathematics, Psychology, and Natural Science: Botany, Chemistry, Geology, Mathematics, Physics, Psychology, Zoology.

The forty-two semester-hours in the division of concentration must be distributed as follows: eighteen to twenty-four semester-hours in a major department and eighteen to twenty-four semester-hours in at least two other departments of the same division with a minimum of six semester-hours in each department. The minimum number of hours required by the department for a major shall not include any course open primarily to Freshmen. Introductory courses above the Freshman level are to be counted or not at the discretion of the department concerned.

For purposes of concentration certain courses listed in the same department are considered as being in different departments; namely, courses in French, Italian, and Spanish. Likewise, courses in economics and business administration are reckoned as being in different departments. Also a student taking his major work in English literature may count courses in English composition, dramatic technique, or public speaking as part of his related work in the same division.

The twelve semester-hours of restricted electives must be taken in one or both of the divisions not chosen for concentration, with a minimum of six semester-hours in any one department of these divisions.

Attention is called here to a special regulation governing all groups leading to the Bachelor of Arts degree which limits the amount of work a student, other than an Honors student, may take in any one department to a maximum of thirty-six semester-hours, with the proviso that a student whose principal work is in the Departments of English, Economics, or Romance Languages is permitted to take additional work in sub-departments not to exceed a total in the department and the subdepartments of fifty-four semester-hours.

The remaining hours necessary for graduation, after the minimum uniform requirements, the division of concentration, and the restricted electives are satisfied, are open as free electives.

On or before the date announced for the spring registration every Sophomore in the General Group should designate his division of concentration and his major department, and arrange under the guidance of an instructor in the major department his program of studies for the following year. He should obtain the instructor's written approval of all courses selected in the division of concentration before submitting his program to the Dean for final action. In like manner, upperclassmen will recheck their courses in their divisions of concentration each year with representatives of their major departments.

GROUP II

BUSINESS ADMINISTRATION

This group is designed for students who enter college with the purpose of engaging in some form of business activity after graduation. The required work consists of the minimum uniform requirements and the courses specified below.

The following arrangement of specified courses is recommended for students electing this group:

Freshman Year: Economics 11,* Mathematics 3-4, or equivalent.
 Sophomore Year: Economics 51-52, 57-58, Political Science 61-62.
 Junior Year: Economics 143, 138.**
 Senior Year: Economics 153-154, 181-182.

* This course is recommended but not required.

** With the permission of the Department, students specializing in accounting may substitute for this course one in that subject.

In addition to the courses specified above, a student in this group must elect twenty-one semester-hours from other courses in the Department. Six semester-hours of this elective work shall be selected from courses in the two-hundred group offered for Seniors and Graduates. With the permission of the Chairman of the Department students planning to take the examination to qualify as a Certified Public Accountant may be released from this requirement.

All elective work in economics must be approved in writing by the Director of Undergraduate Studies.

GROUP III

RELIGION

This group is designed for students who plan to enter the ministry or other religious work as a vocation after graduation. The required work consists of the minimum uniform requirements and the courses specified below.

The following arrangement of specified courses is recommended for students electing this group:

Freshman Year: Religion 1-2.

Sophomore Year: Religion (6 hours), Economics 51-52 or Political Science 61-62, English Literature (6 hours).

Junior Year: Religion (6 hours), Psychology 91.

Senior Year: Religion* (12 hours), Sociology (6 hours), Philosophy (6 hours).

GROUP IV

PRE-MEDICAL

Students qualifying for college graduation in this group must complete, in addition to the minimum uniform requirements, forty-two semester-hours in a division of concentration (subject to the regulations of the General Group), twelve semester-hours of restricted electives in one or both of the other divisions with at least six semester-hours in one department, and certain specific requirements as noted below. These specific requirements may count as part of the divisional concentration (if the division of concentration is the Natural Sciences) or they may count as restricted electives if another division of concentration is chosen. The foreign language should be German or French, preferably the former and including German 107-108.

The normal division of concentration for students electing this group is that of the Natural Sciences. However, the student may elect any one of the other two divisions for his divisional concentration. In this case, it may be necessary for him to complete more than one hundred and twenty-two semester-hours for his degree. If, however, the student chooses the Natural Sciences for his division of concentration, he is

* Not more than six semester-hours of electives may be taken in the Department of Religion.

urged to take as much elective work as possible in the Divisions of the Social Studies and the Humanities.

Completion of English 1 and 2; Chemistry 1-2, 61-70, 151-152; Physics 51-52; and Zoology 1-2 will satisfy the minimum course recommendations of the Association of American Medical Colleges. Many medical schools advise the completion of additional courses in these and in other subjects. The pre-medical student should ascertain the requirements of the particular medical school that he expects to attend.

The following arrangements of the courses in science is suggested:

Freshman Year: Chemistry 1-2, Zoology 1-2, Mathematics 7-8, or equivalent.

Sophomore Year: Chemistry 61-70, Physics 51-52.

Junior Year: Chemistry 151-152.

GROUP V

COLLEGE TEACHING

This group is designed for students who plan to do work in a graduate school and teach in college. The required work consists of the minimum uniform requirements and the work specified below:

French and German through the second year of college work.* Since one of these languages may be taken through the third year of college work to satisfy the minimum uniform requirements, only the one not taken thus must be chosen to meet the conditions of this group.

Twenty-four semester-hours of work in the major subject, exclusive of work in the subject offered primarily for Freshmen; twelve semester-hours of work in related subjects approved by the student's Departmental Adviser; twelve semester-hours in education, philosophy, and psychology, or in any one, not including any courses in secondary or elementary school methods.

Elective work, not to be taken in the major department, sufficient to complete the one hundred and twenty-two semester-hours necessary for graduation.

At least twelve semester-hours of the work taken in the Senior year must be in courses open only to Seniors and Graduates.

GROUP VI

PUBLIC SCHOOL TEACHING

This group is designed for two classes of students: (a) those who plan to teach in secondary schools; (b) those who plan to teach in elementary schools.

The required work consists of the minimum uniform requirements and the requirements listed under one of the classes below, according as the student expects to teach in a secondary school or in an elementary school.

* Greek or Latin may be substituted for either French or German.

CLASS A: SECONDARY SCHOOL TEACHING

Students in this class are required to take:

Eighteen semester-hours in education, of which three semester-hours may be in general psychology. The work in education must include three semester-hours in directed observation and practice teaching, three semester-hours in educational psychology, and three semester-hours in secondary education.

Six semester-hours, three each, in materials and methods, in two fields of high-school teaching.

Work in the subject matter of the two subjects the student intends to teach sufficient to satisfy the minimum requirements as listed in the table below:

English, twenty-four semester-hours, to include the six of required work in composition, six in English literature, and six in American literature.

French, eighteen semester-hours, based on the usual two units for admission. German, Spanish, and Greek, the same requirements as for French.

History, eighteen semester-hours, including six each in American, ancient and medieval, and modern European history, and six semester-hours of economics or political science. It is recommended to prospective teachers of history and related subjects that they take elective work in sociology, geography, and at least a semester each in economics and political science.

Latin, eighteen semester-hours based on the traditional four units for admission.

Mathematics, fifteen semester-hours.

Music, thirty semester-hours.

Physical Education, twelve semester-hours.

Science, thirty semester-hours, including elementary courses in biology, chemistry, physics and geography or geology.

A student may prepare to teach only one high-school subject by taking a major of twenty-four semester-hours in that subject (physical education excepted) in addition to the general required work in Class A, the required work in education and psychology, and the specifically required work in directed observation and materials and methods in the subject chosen.

Elective work sufficient to complete the one hundred and twenty-two semester-hours for graduation. It is recommended that the elective work be chosen in the two subjects the student is preparing to teach and in the Division of Social Science, provided the total amount of work taken in any department may not exceed the total allowed in Group I.

Students who are preparing to teach are warned to read carefully the certification rules of the state in which they are going to teach and to advise fully with the Dean before electing courses in subjects they are preparing to teach. They are further warned to take their professional courses in the order outlined by the Department of Education, reserving for their Senior year courses in materials and methods and in directed observation and practice teaching.

At least fifteen semester-hours of the work in the Senior year must be in courses open only to Seniors or to Seniors and Graduates.

CLASS B: ELEMENTARY SCHOOL TEACHING

Students in this class conform to the general requirements of Group I. Education is treated as a major department, and the Social Science Division as the division of concentration. In addition to the general requirements of Group I, the following specific requirements must be met:

	S.H.
English	3 or 6
American History and Government	6 or 9
Geography	6
Physical Education and Hygiene.....	6

These special requirements are reckoned in each case as a part of the appropriate division of concentration. The student in Class B should take Education 8 in the first semester of his Freshman year and advise with the Department as to an appropriate course for the spring semester. In all other particulars his course follows the General Group for the first year.

The following arrangement of courses is recommended for Freshmen entering the Teaching Group. The work for the following years will be arranged by the Department of Education.

FRESHMAN YEAR

	S.H.
English	6
Foreign Language	6
Science	8
History or elective*	6
Education or elective**	6
	32

GROUP VII

PRE-LEGAL

This group is designed for students who expect to study law after graduation. The required work consists of the minimum uniform requirements*** and the courses specified below.

The following arrangement of specified courses is recommended:

- Freshman Year: Introductory Course in History (1-2 if taken in the Freshman year or 51-52 if taken thereafter).
- Sophomore Year: Economics 51-52, Political Science 61-62.
- Junior Year: Economics 143, History 105-106, Psychology 101, and either English 151 or 152.
- Senior Year: Six semester-hours of Economics from courses approved for Seniors.

* History is an alternate with economics or political science in the minimum requirements when the student presents two units of history for admission.

** Students in Class B should take Education 8 the first semester and follow it with the course approved by the Department of Education the second semester; students in Class A follow the same plan or take any of the electives authorized for the General Group.

*** When there is overlapping, the minimum uniform requirements are accepted as a part of the special requirements in this group.

The electives should be chosen largely from the work offered by the following departments: Philosophy, Sociology, Economics, History, Psychology, and Political Science. The total work (required and elective) in any one department may not exceed thirty semester-hours.

At least twelve semester-hours of the electives in the Senior year must be Senior-Graduate courses.

GROUP VIII

SOCIAL SERVICE

This group is designed for students who purpose after graduation to pursue professional studies in order to engage in practical social welfare work, such as family welfare, child welfare, public welfare, probation and parole, and similar forms of neighborhood and community work. The required work consists of the minimum uniform requirements and the courses specified below. Zoology is recommended for the required course in science.

The following arrangement of specified courses is recommended for students electing this group:

Freshman Year: History 1-2.

Sophomore Year: Economics 51-52, Sociology 91-92 or Sociology 101.

Junior Year: Philosophy (6 hours), Political Science (6 hours), Psychology 101, Sociology (6 hours).

Senior Year: Economics (6 hours), Psychology (6 hours), Sociology (6 hours).

The electives should be chosen mainly from history, economics, political science, education, sociology, philosophy, psychology, and religion.

The subjects required for the Junior and Senior years may be transposed according to the courses available in any particular year.

GROUP IX

HONORS

Purpose: Students who have revealed their desire and demonstrated their ability to do a type of intellectual work higher than that normally required for the liberal arts degree may apply to read for Honors during their last two college years. The aim of the Honors studies is to permit qualified undergraduates to attain a knowledge, both comprehensive and intensive, of a particular field, or fields, under conditions most stimulating to individual initiative and independence.

General Rules:

I. A student who has sixty-two semester-hours of work to his credit and who has completed the minimum requirements for graduation may apply to read for Honors. A departmental committee may, however, permit students to take as much as twelve hours of the minimum uniform

requirements in the Junior and Senior years provided that these are offset by the same number of hours in related subjects taken previously in courses not open primarily to Freshmen.

II. The Departmental Honors Program constitutes the work of the Honors student during the Junior and Senior years. This program shall be the equivalent of sixty semester-hours of work.

III. The minimum amount of work that may be taken in the major department shall be the equivalent of twenty-four semester-hours, and the maximum shall be the equivalent of thirty-six semester-hours.

IV. The related work, which constitutes at least two fifths of the Honors program, that is, the equivalent of twenty-four semester-hours, must be distributed among not less than two departments, unless the departmental committee gives special permission for the student to take his related work in one department.

Departmental Honors: Honors courses are available to qualified students in the following departments: Botany, Chemistry, Economics, Education, English, French, German, Greek, History, Mathematics, Physics, Psychology, Religion, and Zoology.

An undergraduate wishing to qualify for Departmental Honors usually enters the General Group during the Freshman year. At the close of the Sophomore year he may apply to read for Honors in a particular department. The requirements for admission to candidacy for Honors vary in the different departments. The student should consult the special requirements set forth in the "Departmental Honors Program." The Departmental Committee determines the eligibility of the various applicants for Honors reading within the department.

Students transferring from other institutions of approved standing at the close of the Sophomore year may be admitted to candidacy for Honors. Those wishing to read for Honors who expect to transfer at the close of the Sophomore year should communicate with the Chairman of the College Council on Honors, not later than April 15.

The work required of students in the Departmental Honors Group consists of (1) the minimum uniform requirements; (2) the program of Honors for the Junior and Senior years; and (3) elective work sufficient to complete the semester-hours necessary for graduation.

Study in a Department Honors course always includes work in regular open courses. In both Junior and Senior years it may, and usually does, also include work under special instruction (seminarial or tutorial) and assignments of independent reading.

All candidates who complete satisfactorily the minimum uniform requirements, a Departmental Honors course, and elective work sufficient to earn the necessary hours for graduation will be recommended by the Departmental Committee to the Dean of the College for graduation with Honors.

For brief outlines of the various plans for Departmental Honors the student should see the section, "Departmental Honors Program," among

the offerings of each department listed above. Students are also urged to consult the Honors Adviser of the department in which they are primarily interested. A list of these Advisers follows:

Botany: Miss Addoms
Chemistry: Mr. Vosburgh
Education: Mr. Holton
English: Mr. Irving
French: Mr. Webb
German: Mr. Vollmer
Greek: Mr. Pepler

History: Mr. Laprade
Mathematics: Mr. Elliott
Physics: Mr. Hatley
Psychology: Mr. Zener
Religion: Mr. Myers
Zoology: Mr. Johnson

REQUIREMENTS FOR THE DEGREE OF BACHELOR OF SCIENCE

The general regulations governing the requirements for the degree of Bachelor of Science are the same as those for the degree of Bachelor of Arts. Students selecting this group must complete the following course of study:

	S.H.
English 1-2	6
French and German (second college year)	12-24
Mathematics	6
Natural science	8
Economics, History, or Political Science	6
Religion	6
Major and related work	48
Free electives to make a total of.....	120

English 1-2, 6 s.h.—A Freshman who satisfies the Department of English of his superior ability in English composition may substitute another English course for English 1-2. Those found deficient in English composition on the placement tests must substitute English 1, 2 for English 3.

French and German.—Bachelor of Science candidates must complete at least the second college year, or equivalent as determined by examination, of both French and German.

Mathematics, 6 s.h.—A candidate for the Bachelor of Science degree must complete Mathematics 7 and 8 or Mathematics 7 and 50 or the equivalent. Mathematics 50 is recommended for students who plan to take Mathematics 51-52. Mathematics 8 is recommended for those who plan not to take Mathematics 51-52. Placement tests in algebra are administered to all entering students planning to take courses in mathematics. Students found deficient in algebra must substitute Mathematics 1 and 2 for Mathematics 7.

Natural Science, 8 s.h.—This requirement can be satisfied by courses in one of the natural sciences, namely, Botany, Chemistry, Geology, Physics, and Zoology. The courses must include laboratory work, and may not be counted as part of the major and related work.

Economics, History, or Political Science, 6 s.h.—A student who does not present for entrance two acceptable units of history (exclusive of other social work) must take a course in history; otherwise he has his choice of Economics, History, or Political Science. The courses that will satisfy this requirement are listed under "Courses of Instruction."

Religion, 6 s.h.—The courses that will satisfy the requirement in Religion are listed in this bulletin under "Courses of Instruction."

Major and Related Work, 48 s.h.—Major and related work consists of forty-eight semester-hours in the Division of Natural Sciences. This work must be selected from the Departments of Botany, Chemistry, Geology, Mathematics, Physics, Psychology, and Zoology. The major work consists of not less than twenty-four semester-hours in one department, the choice of courses

being subject to the approval of the department. The major work does not include courses primarily open to Freshmen. The related work is taken in at least two other departments and is selected subject to the approval of the major department. It may not include more than one course primarily open to Freshmen. A minimum of eight semester-hours of the total of forty-eight must be in laboratory science. Further information concerning the requirements for the major and related work in the various departments will be found under "Courses of Instruction."

Free Electives.—In addition to the above, the student must elect sufficient courses to complete, with an average grade of "C," the one hundred and twenty semester-hours necessary for graduation.

The total amount of work that a student, other than an Honors student, may take in any one department toward the Bachelor of Science degree is limited to a maximum of thirty-six semester-hours.

No Senior may take for credit any course primarily open to Freshmen; and no Junior may take for credit more than one course primarily open to Freshmen. A list of these courses is published under "Courses of Instruction."

Not more than one course of six or eight semester-hours of credit in final fulfillment of the requirements for the degree of Bachelor of Science in Duke University may be taken in another institution of approved standing, and this course must first be approved by the head of the department concerned and by the Dean.

On or before the date announced for the spring registration every Sophomore in this group should select his major department in the Division of Natural Sciences and arrange under the guidance of an instructor in the major department his program of studies for the following year. He should obtain the instructor's written approval of all courses selected in the division before submitting his program to the Dean for final action. In like manner, upperclassmen will check their courses in the division each year with representatives of their major department.

ACADEMIC-PROFESSIONAL COURSES

The provision whereby a Senior may elect the work of the first year in a professional school of the University shall apply solely to eligible students in Trinity College or the Woman's College. The privilege of completing a combined course for the degree is conditioned upon admission to the professional school at the close of the Junior year. A student thus admitted registers as a Senior in the College and as a first-year student in the professional school.

ACADEMIC-LAW COMBINATION

A student who has completed, with an average grade of "C" or higher, ninety-two semester-hours of undergraduate work, including the minimum uniform requirements for the degree of Bachelor of Arts and the work of the Junior year in the division of concentration may, with the approval of the Dean of the College, transfer to that school and be eligible for the degree of Bachelor of Arts from Duke University upon the satisfactory completion therein of the work of the first year.

It is understood that this provision shall apply solely to eligible Duke University undergraduates, and that not less than the full first-year's work of the Law School will be acceptable for credit towards the bachelor's degree.

No single discipline or program of study can be described as the best preparation for the study of law. There are various methods of approach to legal study and students differ with respect to the undergraduate studies by which they profit most in preparing themselves for law school.

Completion of the undergraduate work necessary to qualify for the Academic-Law Combination does not ensure admission to the Duke University School of Law, nor impose any restriction whatever upon its freedom in selecting students for admission.

The student who does not desire to avail himself of the Academic-Law Combination above set forth may, nevertheless, enter the Law School when he has satisfactorily completed two* years of academic study and has met the other entrance requirements of that school.

Students wishing information concerning admission to the School of Law are invited to consult with the Dean of that school.

ACADEMIC-FORESTRY COMBINATION

A student who has completed with an average grade of "C" or higher the program of study given below may, with the approval of the Dean of the College, transfer to that school and be eligible for the degree of Bachelor of Science from Duke University upon the satisfactory comple-

* Admission after two years of college work is granted during the period of the war.

tion of one year's work. It is understood that this provision shall apply solely to eligible Duke University undergraduates. The professional degree of Master of Forestry may be obtained on the satisfactory completion of an additional year in the School of Forestry.

The program of studies in preparation for admission to the School of Forestry is divided into four parts: (1) a group of studies required of all students; (2) courses required in a selected division of concentration; (3) additional elective courses sufficient to make a total of at least ninety-two semester-hours of credit; and (4) summer field work in surveying and forest mensuration as described below.

The studies required of all students, of which the first four, together with six semester-hours of a language, should ordinarily be taken in the Freshman year, are as follows:

	S.H.
Botany 1-2	8
Chemistry 1-2	8
English 3-4	6
Engineering Drawing 1-2	4
Modern Foreign Language*	12-18
Mathematics 7-8	6
Physics 1-2	8
Economics 51-52	6
Geology 51	4

At the end of the Freshman year each student shall select a division of concentration. One of the following programs of concentration is recommended.

Botany. Botany 52, 151, 156, one additional course in Botany, and Zoology 1. Chemistry. Chemistry 61, 70, and 151-152; and Botany 151.

Economics. Economics 57-58, two additional semester courses in Economics, and Political Science 61-62.

A student who does not select one of the above programs must complete the work of the Junior year in a division of concentration.

Summer field work is required of all students in the School of Forestry. This program of twelve weeks, preferably to be taken upon completion of the Junior year, includes Civil Engineering S110 (Plane Surveying), 3 s.h.; Forestry S150 (Forest Surveying), 5 s.h.; and Forestry S151 (Forest Mensuration), 4 s.h.

Completion of the first three years of work toward the Bachelor of Science degree does not insure admission to the Duke University School of Forestry, nor impose any restriction whatever upon its freedom in selecting students for admission.

Students wishing information concerning admission to the School of Forestry are invited to consult with the Dean of that School.

* The requirement is the same as for the Degree of Bachelor of Science, except that Spanish may be substituted for French.

COURSES OF INSTRUCTION, TRINITY COLLEGE AND THE WOMAN'S COLLEGE

Note: Courses primarily for Freshmen are numbered from 1 to 49; those primarily for Sophomores are numbered from 50 to 99; those primarily for Juniors and Seniors from 100 to 199; those primarily for Seniors and Graduates from 200 to 299. The amount of credit for each course is given in semester-hours following the description of the course.

Odd-numbered courses are offered in the fall semester, and even-numbered courses are offered in the spring semester. Double numbers indicate that the course is a year course and must normally be continued throughout the year if credit is received. A student must secure written permission from the instructor in order to receive credit for either semester of a year course.

This is a condensed description of courses. For a full description see the Bulletin of Undergraduate Instruction.

COURSES OPEN PRIMARILY TO FRESHMEN

Botany 1-2	Latin 1-2-3, 4, 15, 16, 41, 42
Chemistry 1-2	Mathematics 1, 2, 3-4, 7, 8, 9-10, 15
Economics 11	Music 11-12
Education 4, 8	Philosophy 48
English 1-2	Physics 1-2
Fine Arts 1-2	Political Science 21-22
French 1-2, 3-4	Religion 1-2
German 1-2, 3-4	Spanish 1-2, 3-4
Greek 15	Zoology 1-2
History 1-2	

BOTANY

PROFESSOR BLOMQUIST, CHAIRMAN; ASSISTANT PROFESSOR OOSTING, DIRECTOR OF UNDERGRADUATE STUDIES; DR. ANDERSON, SUPERVISOR OF FRESHMAN INSTRUCTION; ASSOCIATE PROFESSOR ADDOMS, SUPERVISOR OF FRESHMAN INSTRUCTION (WOMAN'S COLLEGE); PROFESSOR WOLF; ASSOCIATE PROFESSORS HARRAR AND KRAMER; ASSISTANT PROFESSOR PERRY; AND ASSISTANTS

1. General Botany.—4 s.h.

STAFF
2. General Botany.—Prerequisite: Botany 1. 4 s.h.

STAFF
51. Culture and Propagation of Plants.—Prerequisite: one year of botany. 4 s.h.

ASSOCIATE PROFESSOR ADDOMS
52. Plant Identification.—Prerequisite: one year of botany. 4 s.h.

PROFESSOR BLOMQUIST
55. Morphology and Anatomy of Vascular Plants.—Prerequisite: one year of botany. 4 s.h.

ASSISTANT PROFESSOR OOSTING
101. Principles of Heredity.—Prerequisite: one course in biology, botany, or zoology. High-school or college algebra recommended. 3 or 4 s.h.

ASSISTANT PROFESSOR PERRY
103. General Bacteriology.—Prerequisite: one year of botany or zoology, or equivalent. 4 s.h.

PROFESSOR WOLF

104. **The Structure and Identification of Lower Plants.**—Prerequisite: one year of botany. 4 s.h. DR. ANDERSON

151. **Introductory Plant Physiology.**—Prerequisite: Botany 1, 2, or equivalent; one year of chemistry recommended. 4 s.h.

ASSOCIATE PROFESSOR KRAMER

156. **Plant Ecology.**—Prerequisites: Botany 1, 2, and 52, or equivalent. 4 s.h. ASSISTANT PROFESSOR OOSTING

202. **Genetics.**—Prerequisites: one year of botany or zoology, or equivalent, and college algebra. 4 s.h. ASSISTANT PROFESSOR PERRY

203. **Plant Cytology.**—Prerequisite: one year of botany. 4 s.h. DR. ANDERSON

204. **Advanced Plant Anatomy.**—Prerequisite: Botany 55 or equivalent. 4 s.h. ASSOCIATE PROFESSOR ADDOMS

[Not offered in 1942-43]

216. **Botanical Microtechnique.**—Prerequisite: two semesters of botany. 4 s.h. DR. ANDERSON

[Not offered in 1942-43]

221. **Structure and Classification of Fungi.**—Prerequisite: two semesters of botany. 4 s.h. PROFESSOR WOLF

225-226. **Special Problems.**

a. **Bacteriology, Mycology, and Plant Pathology.** PROFESSOR WOLF

b. **Cytology.** DR. ANDERSON

c. **Ecology.** ASSISTANT PROFESSOR OOSTING

d. **Genetics.** ASSISTANT PROFESSOR PERRY

e. **Morphology and Anatomy of Higher Groups.**
ASSOCIATE PROFESSORS ADDOMS AND HARRAR;
ASSISTANT PROFESSOR OOSTING

f. **Morphology and Taxonomy of Lower Groups.**
PROFESSOR BLOMQUIST AND DR. ANDERSON

g. **Physiology.** ASSOCIATE PROFESSORS ADDOMS AND KRAMER

h. **Plant Microchemistry.** ASSOCIATE PROFESSOR ADDOMS

i. **Taxonomy of Higher Groups.** PROFESSOR BLOMQUIST

252. **Advanced Plant Physiology.**—Prerequisite: Botany 151 or equivalent; organic chemistry recommended. 4 s.h. ASSOCIATE PROFESSOR KRAMER
[Not offered 1942-43]

255. **Advanced Taxonomy.**—Prerequisite: two years of botany, including Botany 52, or equivalent. 4 s.h. PROFESSOR BLOMQUIST

256. **Field Ecology.**—Prerequisites: Botany 1, 2, and 52, or equivalent. 4 s.h. ASSISTANT PROFESSOR OOSTING

FOREST BOTANY

224. **Forest Pathology.**—Prerequisites: Botany 1, 2. 3 or 4 s.h. PROFESSOR WOLF

253-254. **Dendrology.**—Prerequisite: one year of botany. 4 s.h. ASSOCIATE PROFESSOR HARRAR

Related courses which may be counted toward a major in Botany. Zoology
110. **Introduction to Genetics.** 2 s.h. DR. JOHNSON

DEPARTMENTAL MAJOR

Prerequisites: Botany 1 and 2.

Major Requirements: A minimum of twenty hours of work including courses 52, 55, and 104. The remaining hours may be selected from any other courses in the Department for which the student is eligible, subject to the approval of the Departmental Adviser.

DEPARTMENTAL HONORS PROGRAM

I. *Prerequisites:* Botany 1-2. A year course in each of three other sciences acceptable to the Departmental Committee. Some of these may be taken concurrently with the Honors work.

II. *Honors Work:*

a. Botany.

1. Scheduled courses. At least 5 courses (18-20 semester hours) beyond Botany 1-2.
2. Reading Courses and Problems, chiefly in the Senior year. Nine semester hours. In addition to scheduled courses, each Honors student will take reading courses in such fields as History of Botany and Theories of Biology; or he may take reading courses in special fields; or he may undertake a special problem; or he may carry on both reading and a problem. This work will count as nine semester hours and will extend through a year at least. The student will report to his Adviser regularly for conference on this work. He may be asked to prepare written reports on the reading courses, and he must make a report on his problem.

b. Philosophy—6 semester hours.

c. Electives in Botany or in other departments, subject to the approval of the Departmental Committee.

III. *General Honors Examination:* In the spring semester of the Senior year, each student must pass a general examination on the entire field of his Honors work. The Examining Committee consists of the Departmental Committee and such Advisers as have been concerned with his Honors work. The student must present a written report upon his problem and such written reports upon his reading as may be required, before he is permitted to take the general examination.

CHEMISTRY

PROFESSOR GROSS, CHAIRMAN; PROFESSOR VOSBURGH, DIRECTOR OF UNDERGRADUATE STUDIES; ASSISTANT PROFESSOR HILL, SUPERVISOR OF FRESHMAN INSTRUCTION; PROFESSORS BIGELOW, LONDON, AND WILSON; ASSOCIATE PROFESSOR HAUSER; ASSISTANT PROFESSORS BROWN AND SAYLOR; DRs. BRADSHER AND HOBBS; MR. AYRES; AND ASSISTANTS

1-2. **General Inorganic Chemistry.—8 s.h.**

ASSISTANT PROFESSOR HILL WITH PROFESSOR WILSON; ASSISTANT PROFESSORS BROWN AND SAYLOR; DRs. BRADSHER AND HOBBS; MR. AYRES; AND ASSISTANTS

3-4. **General Inorganic Chemistry.—6 s.h.**

ASSISTANT PROFESSOR HILL WITH PROFESSOR WILSON; ASSISTANT PROFESSOR SAYLOR; DRs. BRADSHER AND HOBBS; AND ASSISTANTS

61. **Qualitative Analysis.**—*Prerequisites:* Chemistry 1-2 or 3-4 and algebra. 4 s.h.
PROFESSOR VOSBURGH; ASSISTANT PROFESSOR SAYLOR; DR. HOBBS; AND ASSISTANTS

70. **Quantitative Analysis.**—Prerequisite: Chemistry 61. Analytic geometry and college physics are desirable but not required. 4 s.h.

PROFESSOR VOSBURGH; ASSISTANT PROFESSOR SAYLOR;
DR. HOBBS; AND ASSISTANTS

63-74. **Analytical Chemistry.**—Prerequisites: Chemistry 1-2 or 3-4 and Mathematics 7-8; the latter may be taken concurrently. 6 s.h.

PROFESSOR VOSBURGH; ASSISTANT PROFESSOR SAYLOR;
DR. HOBBS; AND ASSISTANTS

131-132. **Advanced Quantitative Analysis.**—Prerequisites: Chemistry 70 and Physics 51-52 or equivalent. 4 s.h.

PROFESSOR VOSBURGH AND ASSISTANT PROFESSOR SAYLOR

151-152. **Organic Chemistry.**—Prerequisites: Chemistry 61 and 70. Course 151 is prerequisite for 152. 8 s.h.

PROFESSOR BIGELOW; ASSOCIATE PROFESSOR HAUSER; ASSISTANT
PROFESSOR BROWN; DR. BRADSHER; AND ASSISTANTS

153-154. **Intermediate Chemistry Laboratory.**—2 or 4 s.h.

PROFESSOR BIGELOW AND OTHER MEMBERS OF THE STAFF

155-156. **Organic Chemistry.**—Prerequisites: Chemistry 61 and 70 or 63-74. 6 s.h.

PROFESSOR BIGELOW; ASSOCIATE PROFESSOR HAUSER; ASSISTANT
PROFESSOR BROWN; DR. BRADSHER; AND ASSISTANTS

173-174. **Honors Seminar.**—2 s.h.

PROFESSOR VOSBURGH

215-216. **Advanced Inorganic Chemistry.**—Prerequisites: Chemistry 70 and 151-152. Chemistry 261-262, Physics 59-60 or 213-214, and ability to read German are desirable. 6 s.h.

PROFESSOR VOSBURGH AND ASSISTANT PROFESSOR HILL
[Not offered in 1942-43]

233-234. **Instrumental Analysis.**—Prerequisites: Chemistry 70 and 261-262. 2 s.h.

PROFESSOR VOSBURGH AND ASSISTANT PROFESSOR SAYLOR

236. **Theory of Analytical Chemistry.**—Prerequisites: Chemistry 70 and 261-262. 1 s.h.

PROFESSOR VOSBURGH

241. **Physiological Chemistry.**—Prerequisites: Chemistry 70 and 151-152. Course 261-262 is desirable though not required. 4 s.h.

PROFESSOR WILSON AND ASSISTANT

242. **Metabolism.**—4 s.h.

PROFESSOR WILSON AND ASSISTANT

253-254. **Advanced Organic Chemistry.**—Prerequisites: Chemistry 151-152 or equivalent and a reading knowledge of German. 6 or 8 s.h.

PROFESSOR BIGELOW; ASSOCIATE PROFESSOR HAUSER; AND
ASSISTANT PROFESSOR BROWN

261-262. **Physical Chemistry.**—Prerequisites: Chemistry 70, 151-152, Physics 1-2 or equivalent. Mathematics 8 or 51-52 is required except by special permission of the Department. 6 s.h.

PROFESSOR GROSS, ASSISTANT PROFESSOR SAYLOR, AND DR. HOBBS

265-266. **Chemical Physics: Statistical Theory, Principles, and Applications.**—8 s.h.

PROFESSOR LONDON

267-268. **Chemical Physics: Theoretical Aspects of Atomic and Molecular Structure.**—8 s.h.

PROFESSOR LONDON

271. **Introduction to Research.**—1 s.h.

[Not offered in 1942-43] PROFESSORS BIGELOW, GROSS, AND VOSBURGH

273-274. Seminar.—2 s.h.

PROFESSORS BIGELOW, GROSS AND VOSBURGH; ASSOCIATE PROFESSOR HAUSER; ASSISTANT PROFESSORS BROWN, HILL, AND SAYLOR; DRs. BRADSHER AND HOBBS

275-276. Research.—3 or 6 s.h.

PROFESSORS BIGELOW, GROSS, LONDON, VOSBURGH, AND WILSON; ASSOCIATE PROFESSOR HAUSER; ASSISTANT PROFESSORS BROWN, HILL, AND SAYLOR; DRs. BRADSHER AND HOBBS

DEPARTMENTAL MAJOR

A. For the degree of A.B.

Prerequisites: Chemistry 1-2, Mathematics 7-8 (or equivalent).

Major Requirements: Chemistry 61-70, 151-152, and 261-262. With the permission of the Department other chemistry courses giving a total of not less than 6 s.h. credit may be substituted for Chemistry 261-262.

B. For the degree of B.S.

Prerequisites: Chemistry 1-2, Mathematics 7-50 (or equivalent).

Major Requirements: Chemistry 61-70, 131-132, 151-152, 153-154, 261-262. The required work in the Science Division must include Mathematics 51-52 and Physics 51-52 (or equivalent).

DEPARTMENTAL HONORS PROGRAM

Prerequisites: Chemistry 61-70; Mathematics, 6 s.h.; and Physics 51-52 or equivalent.

Honors Program: Chemistry 131-132, 151-152, 153-154, 173-174, 261-262, and 275-276; Mathematics through integral calculus; Physics, Botany, Geology, or Zoology, 6 s.h.; electives, subject to the approval of the Departmental Honors Committee, 20 s.h. (or enough to satisfy the requirements for graduation).

Chemistry 153-154 is a special laboratory course in which individual attention and supervision is given to the work of each student.

Chemistry 173-174 is a seminar primarily for Honors students of both Junior and Senior years. The purpose is to give practice in the use of chemical literature and the oral presentation of assigned topics.

In Chemistry 275-276 an experimental research project is carried out under the direction of a member of the Staff, the object being to gain acquaintance with the aims and methods of research. A written report on the research is required.

A general examination in chemistry is given at the end of both Junior and Senior years.

ECONOMICS AND BUSINESS ADMINISTRATION

PROFESSOR HOOVER, CHAIRMAN; ASSOCIATE PROFESSOR DE VYVER, DIRECTOR OF UNDERGRADUATE STUDIES; PROFESSORS HAMILTON, SPENGLER, AND VON BECKERATH; ASSOCIATE PROFESSORS BLACK AND RATCHFORD; ASSISTANT PROFESSORS DELAPLANE, EITEMAN, HON, LONDON, LEMERT, LESTER, SHIELDS, R. S. SMITH, SPRINGER, AND WELFLING; DRs. BERRY AND KEECH; MESSRS. ALLEN, HENRICKSEN (PART-TIME), SILK (PART-TIME), W. J. J. SMITH (PART-TIME), AND VAN VOORHIS

ECONOMICS

51-52. Principles of Economics.—6 s.h.

PROFESSOR SPENGLER; ASSISTANT PROFESSORS DELAPLANE, EITEMAN, LONDON, LESTER, R. S. SMITH, AND WELFLING; DR. BERRY; MESSRS. ALLEN, SILK, AND W. J. J. SMITH

103. Transportation.—3 s.h. ASSISTANT PROFESSOR LANDON
107. Conservation.—3 s.h. ASSISTANT PROFESSOR LEMERT
[Not offered in 1942-1943]
138. Business Statistics.—3 s.h.
ASSISTANT PROFESSORS SPRINGER AND SMITH
139. Advanced Business Statistics.—Prerequisite: Economics 138 or the equivalent. 3 s.h. ASSISTANT PROFESSORS SPRINGER AND SMITH
143. Corporation Finance.—3 s.h.
ASSISTANT PROFESSORS DELAPLANE, EITEMAN, HON, AND SMITH
144. Investments.—Prerequisite: Economics 57-58 and 143. 3 s.h.
ASSISTANT PROFESSORS EITEMAN, HON, AND DELAPLANE
- 153-154. Money, Banking, and Credit.—6 s.h.
ASSOCIATE PROFESSOR RATCHFORD, ASSISTANT
PROFESSORS HON, LESTER, AND WELFLING
169. Economics of Consumption.—3 s.h. ASSISTANT PROFESSOR SMITH
187. Public Finance.—3 s.h. ASSOCIATE PROFESSOR RATCHFORD
217. Population, Resources, and Standards of Living.—3 s.h.
PROFESSOR SPENGLER
218. Business Cycles.—3 s.h.
ASSISTANT PROFESSORS LESTER AND WELFLING
230. Public Debts in the United States.—Prerequisite: Economics 187 or equivalent. 3 s.h. ASSOCIATE PROFESSOR RATCHFORD
[Not offered in 1942-43]
231. The Economic History of Modern Europe.—3 s.h.
PROFESSOR HAMILTON
232. The Economic History of the United States.—3 s.h.
PROFESSOR HAMILTON
233. State and Local Finance.—Prerequisite: Economics 187 or equivalent. 3 s.h. ASSOCIATE PROFESSOR RATCHFORD
234. Federal Finance.—Prerequisite: Economics 187 or equivalent. 3 s.h. ASSOCIATE PROFESSOR RATCHFORD
- 237-238. Statistical Methods.—Prerequisite: Economics 138 or consent of the instructor. 6 s.h. ASSISTANT PROFESSOR SPRINGER
239. Prices.—3 s.h. PROFESSOR HAMILTON
- 241-242. Value and Distribution.—6 s.h. PROFESSOR SPENGLER
245. Problems of Modern Industrialism.—3 s.h.
PROFESSOR VON BECKERATH
253. Labor Problems.—3 s.h. ASSOCIATE PROFESSOR DE VYVER
256. Labor Legislation.—Prerequisite: Economics 253, or with the consent of the instructor. 3 s.h. ASSOCIATE PROFESSOR DE VYVER
[Not offered in 1942-43]
260. Social Insurance.—3 s.h. ASSOCIATE PROFESSOR DE VYVER

265. International Trade and Tariff Policies.—3 s.h.
PROFESSOR VON BECKERATH
266. International Finance.—3 s.h.
[Not offered in 1942-43] PROFESSOR HAMILTON
268. Competitive Versus Monopolistic Enterprise.—3 s.h.
PROFESSOR VON BECKERATH
270. Economics of War.—3 s.h.
PROFESSORS HAMILTON AND VON BECKERATH
280. Advanced Economic Problems.—3 s.h.
ASSISTANT PROFESSOR WELFLING; ASSOCIATE
PROFESSOR RATCHFORD; MR. ALLEN

Required of all Seniors majoring in Economics and open with permission to Seniors in the Business Administration Group.

BUSINESS ADMINISTRATION

A. ACCOUNTANCY

- 57-58. Principles of Accounting.—6 s.h.
ASSOCIATE PROFESSOR DE VYVER; DR. KEECH; MR. VAN VOORHIS
- 171-172. Advanced Accounting.—6 s.h. ASSISTANT PROFESSOR SHIELDS
- 173-174. Auditing, Theory and Practice.—Prerequisite: Economics 171-172, and permission of the instructor. 6 s.h. ASSISTANT PROFESSOR SHIELDS
- 175-176. C. P. A. Review.—Prerequisite: Economics 171-172, and permission of the instructor. 6 s.h.
[Not offered in 1942-43] ASSOCIATE PROFESSOR BLACK; MR. HENRICKSEN
177. Income Tax Accounting.—Prerequisite: Economics 171-172, or permission of the instructor. 3 s.h. ASSISTANT PROFESSOR SHIELDS
178. Accounting Systems.—Prerequisite: Economics 171-172 or permission of the instructor. 3 s.h. ASSISTANT PROFESSOR SHIELDS
[Not offered in 1942-43]
180. Governmental Accounting.—Prerequisite: Economics 57-58 and permission of the instructor. 3 s.h. ASSISTANT PROFESSOR SHIELDS
- 275-276. Advanced Industrial Accounting and Management.—Prerequisite: Economics 171-172 or permission of the instructor. 6 s.h.
ASSOCIATE PROFESSOR BLACK

B. COMMERCE AND INDUSTRY

11. Economic Geography.—3 s.h. ASSISTANT PROFESSOR LEMERT
105. Industrial Management.—3 s.h. DR. KEECH
109. The Economic Geography of Latin America.—3 s.h.
ASSISTANT PROFESSOR LEMERT
115. Economic Geography.—3 s.h. ASSISTANT PROFESSOR LEMERT
116. Economic Geography and Industrial Organization.—Prerequisite: Economics 115. 3 s.h. ASSISTANT PROFESSOR LEMERT
118. Economic Geography of the South.—3 s.h.
[Not offered in 1942-43] ASSISTANT PROFESSOR LEMERT

120. Economic Geography of the Pacific.—3 s.h.
ASSISTANT PROFESSOR LEMERT
158. Insurance.—3 s.h. DR. BERRY
168. Marketing.—3 s.h. ASSISTANT PROFESSOR LANDON
- 181-182. Business Law.—6 s.h.
ASSISTANT PROFESSORS EITEMAN AND SPRINGER
184. Commercial Law for Accountants.—3 s.h.
ASSOCIATE PROFESSOR BLACK; ASSISTANT PROFESSOR SPRINGER

DEPARTMENTAL MAJOR

Prerequisites: Economics 51-52, Principles of Economics. 6 s.h. This course is ordinarily taken in the Sophomore year but may be taken by a selected group of Freshmen.

Major Requirements: Twenty-four semester-hours in addition to Economics 51-52, to be arranged as follows:

- (1) Economics 138.—Business Statistics.—3 s.h.

This course may be taken the second semester of the Sophomore year or during the Junior year. It may be taken by departmental majors in their Senior year only with permission of the Director of Undergraduate Studies.

- (2) Senior-Graduate Courses.—6 s.h.

At least six semester-hours must be chosen from Senior-Graduate courses offered in Economics.

- (3) Economics 280.—Advanced Economic Problems.—3 s.h.

This course is required of all majors in the Department and is also open to Seniors in the Business Administration Group. It may not be counted as part of the Senior-Graduate course requirement.

- (4) Additional Course Work.—12 s.h.

In addition to the special requirements outlined under (1), (2), and (3) above, majors in the Department must elect twelve semester-hours from courses offered in Economics for Juniors and Seniors. Six hours of Accounting and six hours in Commerce and Industry may be counted toward the completion of this requirement.

- (5) Additional work in the Department.

Twenty-four semester-hours of work in the Department is a minimum for a major in Economics. According to the general University regulations, however, majors may take additional work in the subdepartments (Accounting and Commerce and Industry) not to exceed a total in the Department and subdepartments of fifty-four semester-hours.

Note: Students who take Economics 51-52 in their Freshman year may in their Sophomore year enroll in courses in the department ordinarily open only to Juniors.

EDUCATION

PROFESSOR HOLTON, CHAIRMAN; PROFESSOR PROCTOR, DIRECTOR OF UNDERGRADUATE STUDIES; ASSISTANT PROFESSOR EASLEY, SUPERVISOR OF FRESHMAN INSTRUCTION; PROFESSORS BROWNELL, CARR, AND CHILDS; ASSOCIATE PROFESSOR SCATES; DR. WATSON; DR. CARPER (PART-TIME), DR. PLANTINGA (PART-TIME); AND ASSISTANTS

1. Orientation Course in Study and Study Habits.—3 s.h.
ASSISTANT PROFESSOR EASLEY, DR. WATSON, AND DR. CARPER
4. Introductory Course in History of Education.—3 s.h.
ASSOCIATE PROFESSOR SCATES

8. The Learning Process.—3 s.h. STAFF
54. Introductory Course in History of Education.—3 s.h.
PROFESSORS HOLTON AND CARR
58. The Learning Process.—3 s.h. ASSISTANT PROFESSOR EASLEY
68. Mental Hygiene of the School Child.—3 s.h.
ASSISTANT PROFESSOR EASLEY
83. Current Trends in American Public School Organization.—3 s.h.
PROFESSOR PROCTOR
101. Introduction to Teaching.—3 s.h. PROFESSOR CARR
103. School Organization and Administration for the Classroom Teacher.—
3 s.h. PROFESSOR PROCTOR
104. History of Education in the United States.—3 s.h.
[Not offered in 1942-43] ASSOCIATE PROFESSOR SCATES
105. Introduction to Educational Sociology.—3 s.h. PROFESSOR CHILDS
112. Methods of Teaching and Presentation of Subject Matter in the
Primary Schools.—Prerequisite: course 101. 4 s.h. PROFESSOR CARR
- A. Integrated Art in the Public School. MRS. MASON
[Not offered in 1942-43, unless as many as eight students enroll.]
- B. Industrial Art in the Public School. MRS. MASON
[Not offered in 1942-43, unless as many as eight students enroll.]
- 115-116. Secondary Education: Principles and Practice.—6 or 8 s.h.
PROFESSOR CHILDS AND ASSISTANTS
118. Educational Implications of Genetic Psychology.—3 s.h.
PROFESSOR BROWNELL
122. Methods of Teaching and Presentation of Subject Matter in the
Grammar Grades.—Prerequisite: course 101. 4 s.h. PROFESSOR CARR
131. Observation and Practice Teaching.—1 s.h. PROFESSOR CARR
132. Materials and Methods in Health Education.—3 s.h.
ASSISTANT PROFESSOR AYCOCK
136. The Teaching of High-School English.—3 s.h.
ASSISTANT PROFESSOR JORDAN
142. Children's Literature.—3 s.h. PROFESSOR CARR
155. The Teaching of Secondary School Latin.—3 s.h.
ASSISTANT PROFESSOR GATES
158. Educational Measurements.—3 s.h. ASSOCIATE PROFESSOR SCATES
170. The Social and Economic Position of Women.—2 s.h. MRS. SMITH
176. Materials and Methods in High-School Science.—3 s.h.
ASSOCIATE PROFESSOR SCATES
185. The Teaching of Religion and Ethics.—3 s.h.
ASSISTANT PROFESSOR CRUM
200. Introduction to the Philosophy of Education.—3 s.h.
PROFESSOR HOLTON

203. **Principles of School Administration.**—Prerequisite: six semester-hours of courses 103 and 58 or their equivalent. 3 s.h. PROFESSOR PROCTOR
205. **Curriculum Problems in Secondary Education.**—3 s.h.
[Not offered in 1942-43] PROFESSOR CHILDS
206. **Sociological Foundations of the Secondary School Subjects.**—Prerequisite: general sociology or approved work in education, including course 105. 3 s.h. PROFESSOR CHILDS
207. **Technique of Teaching.**—3 s.h.
[Not offered in 1942-43] PROFESSOR CARR
208. **Mental Tests and Applications.**—Prerequisite: course 258 or six semester-hours of other work in educational psychology or psychology. 3 s.h.
ASSISTANT PROFESSOR EASLEY
209. **Statistical Methods Applied to Education.**—2 s.h.
ASSOCIATE PROFESSOR SCATES
212. **Psychology of the Elementary School Subjects.**—3 s.h.
[Not offered in 1942-43] PROFESSOR CARR
214. **History of Education in the United States.**—3 s.h.
[Not offered in 1942-43] PROFESSOR HOLTON
216. **Psychological Principles of Secondary Education.**—3 s.h.
[Not offered in 1942-43] PROFESSOR CHILDS
217. **Advanced Educational Psychology.**—3 s.h. PROFESSOR BROWNELL
218. **Educational Implications of Genetic Psychology.**—Prerequisite: six semester-hours of psychology or educational psychology. 3 s.h.
PROFESSOR BROWNELL
219. **Experimental Education.**—3 s.h.
[Not offered in 1942-43] PROFESSOR BROWNELL
222. **The Curriculum and Materials of the Elementary Grades.**—3 s.h.
PROFESSOR CARR
225. **The Teaching of History and the Social Studies.**—3 s.h.
ASSISTANT PROFESSOR MANCHESTER
227. **The Psychology of Learning: Problems.**—3 s.h.
[Not offered in 1942-43] ASSISTANT PROFESSOR EASLEY
228. **The Psychology of Learning: Theoretical and Experimental.**—Prerequisite: course 227 or its equivalent. 3 s.h. ASSISTANT PROFESSOR EASLEY
232. **Elementary School Supervision.**—3 s.h.
[Not offered in 1942-43] PROFESSOR CARR
233. **Administrative Pupil-Accounting.**—3 s.h. PROFESSOR PROCTOR
234. **Secondary School Organization and Administration.**—3 s.h.
PROFESSOR PROCTOR
237. **Investigations in Reading.**—3 s.h. PROFESSOR CARR
244. **Studies in the Historical Development of Public School Administration.**—3 s.h.
[Not offered in 1942-43] PROFESSOR HOLTON

246. **The Teaching of Mathematics.**—3 s.h. PROFESSOR RANKIN
[Not offered unless enrollment justifies.]
247. **Investigations in Arithmetic.**—3 s.h. PROFESSOR BROWNELL
253. **Legal Phases of School Administration.**—3 s.h. PROFESSOR HOLTON
[Not offered in 1942-43]
254. **History of Secondary Education in the United States.**—3 s.h.
[Not offered in 1942-43] PROFESSOR PROCTOR
258. **Educational Measurements.**—Prerequisite: twelve semester-hours in the Department, including a course in educational psychology. 3 s.h.
ASSOCIATE PROFESSOR SCATES
264. **Recent Movements in American Education.**—3 s.h.
[Not offered in 1942-43] PROFESSOR HOLTON
266. **The Teaching of High-School French.**—3 s.h. PROFESSOR WEBB
294. **Comparative Education: Recent Movements in European Educational Systems.**—3 s.h. PROFESSOR CARR

DEPARTMENTAL MAJOR

A major in the Department of Education consists of twenty-four semester-hours of work above the Freshman year, not including any work listed as primarily for Freshmen, and including at least six semester-hours of courses limited to Seniors or to Seniors and Graduates. Students, however, who obtain credit for courses 4 and 8 will be permitted to complete a major by taking twenty hours of additional work in the Department, provided twelve hours are courses limited to Seniors or to Seniors and Graduates. Before graduation, majors in the Department must have credit for at least one course in educational psychology, such as 8, 58, or 68, and one course in history and philosophy of education, or in educational sociology. The remainder of their work may be elected from courses listed for Sophomores, Juniors, and Seniors, provided at least six semester-hours of the course work are taken from courses listed for Seniors and Graduates, and provided that not more than six semester-hours may be of courses numbered below 100.

DEPARTMENTAL HONORS PROGRAM

Students may become candidates for Honors in education who have passed with grade of "B" or better in their Freshman or Sophomore years six semester-hours of education.

Candidates for Honors in education are required to take in the Junior year twelve semester-hours in the Department and to make an average of "B" or better on this work. The remaining work in the Junior year will be chosen from related work and other electives with the consent of the Departmental Committee on Honors. In the Senior year, in addition to the equivalent of twelve semester-hours of supervised reading in education, the candidate must elect with the approval of the Departmental Committee on Honors six semester-hours of work from the courses in education offered in the 200 group, on which he is required to make a grade of "B" or better and twelve semester-hours of related or other elective work.

Of the supervised reading, which shall be done under the immediate supervision of members of the Departmental Committee on Honors, the equivalent of six semester-hours shall be devoted to the History of Education; the remaining six semester-hours shall be devoted to Educational Psychology, or Secondary Education, or Elementary Education, or Public School Administration as the student may elect and the Departmental Committee approve. In exceptional cases, qualified students may be permitted to take six semester-

hours of the supervised reading during the Junior year and increase the amount of course work in the Department the Senior year.

At the conclusion of the work the student shall be given an oral examination by a committee of three, consisting of the two members of the Departmental Committee on Honors in charge of his supervised reading and another member of the Department selected by the Departmental Committee.

ENGLISH

PROFESSOR BROWN, CHAIRMAN; PROFESSOR GREENE, DIRECTOR OF UNDERGRADUATE STUDIES; ASSISTANT PROFESSOR SANDERS, SUPERVISOR OF FRESHMAN INSTRUCTION; PROFESSORS BAUM, GILBERT, GOHDES, HUBBELL, IRVING, AND WHITE; ASSOCIATE PROFESSORS ALLEN, BLACKBURN, PATTON, MITCHELL, AND WARD; ASSISTANT PROFESSORS HERRING, JORDAN, LEARY, SUGDEN, VANCE, WEST, AND WHITE; DRs. CARPENTER, HARWELL, AND POTEAT; MESSRS. BRICE, DOWLING, FITZGERALD, LEWIS, AND MARTIN

COMPOSITION

- English L.—3 s.h. DR. HARWELL AND MR. FITZGERALD
- 1-2. English Composition.—6 s.h.
ASSOCIATE PROFESSORS ALLEN, BLACKBURN, PATTON, AND WARD; ASSISTANT PROFESSORS SANDERS, SUGDEN, VANCE, AND WHITE; DRs. CARPENTER, HARWELL, AND POTEAT; MESSRS. BRICE, DOWLING, FITZGERALD, AND MARTIN
53. English Composition.—3 s.h. ASSISTANT PROFESSOR JORDAN
54. Composition.—3 s.h. ASSISTANT PROFESSOR JORDAN
- 65-66. Approaches to Imaginative Writing.—6 s.h.
ASSISTANT PROFESSOR SANDERS AND DR. CARPENTER
- 101-102. Composition.—6 s.h. ASSOCIATE PROFESSOR MITCHELL
- 103-104. Composition.—6 s.h. ASSOCIATE PROFESSOR BLACKBURN
- 107-108. Journalism. ASSISTANT PROFESSOR SUGDEN
- 109-110. Composition. ASSOCIATE PROFESSOR BLACKBURN
- 133-134. Verse-Writing. PROFESSOR WHITE

DRAMATICS AND SPEECH

- 105-106. Play-Writing.—6 s.h. ASSISTANT PROFESSOR WEST
- 119-120. History of the Theater.—6 s.h. ASSISTANT PROFESSOR WEST
- 121-122. Play-Production.—6 s.h. ASSISTANT PROFESSOR WEST
- 139-140. The Speaking Voice.—6 s.h. ASSISTANT PROFESSOR WEST

FOR SOPHOMORES, JUNIORS, AND SENIORS

151. Speech.—3 s.h. ASSISTANT PROFESSOR HERRING AND MR. LEWIS
152. Argumentation.—Prerequisite: English 151. 3 s.h.
ASSISTANT PROFESSOR HERRING AND MR. LEWIS

ENGLISH AND AMERICAN LITERATURE AND LANGUAGE

- 55-56. Representative Writers.—6 s.h.
 PROFESSOR IRVING; ASSOCIATE PROFESSOR BLACKBURN AND WARD;
 ASSISTANT PROFESSORS SANDERS, SUGDEN, VANCE; AND DR. POTEAT
- 63-64. A Survey of English Poetry.—6 s.h.
 ASSOCIATE PROFESSOR MITCHELL
- 123-124. Shakespeare.—6 s.h.
 PROFESSOR BROWN
- 125-126. English Literature, 1789-1832.—6 s.h.
 PROFESSOR WHITE, ASSOCIATE PROFESSOR PATTON,
 AND ASSISTANT PROFESSOR WHITE
- 127-128. English Prose Literature, 1832-1900.—6 s.h. PROFESSOR GREENE
- 129-130. The History of the Novel in England.—6 s.h.
 ASSOCIATE PROFESSOR MITCHELL AND ASSISTANT PROFESSOR VANCE
- 133-134. Verse-Writing.—3 s.h. PROFESSOR WHITE
- 137-138. American Literature.—6 s.h.
 PROFESSORS HUBBELL AND GOHDES AND ASSISTANT PROFESSOR LEARY
142. Materials and Methods in High-School English.—3 s.h.
 ASSISTANT PROFESSOR JORDAN
- 145-146. English Poetry, 1832-1900.—6 s.h. ASSISTANT PROFESSOR SANDERS
- 153-154. Comparative Literature.—6 s.h. PROFESSOR IRVING
 [Only 154 offered in 1942-43]
- 155-156. Contemporary Drama.—6 s.h. ASSISTANT PROFESSOR WHITE
- 157-158. Contemporary British and American Fiction.—6 s.h.
 ASSISTANT PROFESSOR LEARY
- 159-160. English Literary Biography.—6 s.h. PROFESSOR WHITE
 [Not offered in 1942-43]
- 161-162. The History of the English Language. PROFESSOR GREENE
- 165-166. The Short Story in America.—6 s.h.
 PROFESSORS HUBBELL AND GOHDES
- 167-168. English Prose of the Romantic Period.—6 s.h.
 ASSOCIATE PROFESSOR PATTON
- FOR SENIORS AND GRADUATES
- 201-202. Anglo-Saxon.—6 s.h. PROFESSOR BROWN
- 203-204. Chaucer.—6 s.h. PROFESSOR BAUM
- 207-208. English Literature, 1400-1550.—6 s.h. PROFESSOR BAUM
 [Not offered in 1942-43]
- 209-210. English Literature, 1625-1700.—6 s.h. ASSOCIATE PROFESSOR WARD
- 211-212. Nondramatic English Literature, 1550-1625.—6 s.h.
 PROFESSOR GILBERT
- 213-214. Folk-Lore and Folk-Songs.—6 s.h. PROFESSOR BROWN

215-216. Elizabethan Drama.—6 s.h. [Not offered in 1942-43]	PROFESSOR GILBERT
217. Spenser.—3 s.h.	PROFESSOR GILBERT
218. Milton.—3 s.h.	PROFESSOR GILBERT
219-220. English Literature of the Eighteenth Century.—6 s.h.	PROFESSOR IRVING
227-228. Literary Criticism.—6 s.h.	PROFESSOR GILBERT
229-230. American Literature, 1800-1870.—6 s.h.	PROFESSOR HUBBELL
231-232. Special Studies in American Authors.—6 s.h. [Not offered in 1942-43]	PROFESSOR GOHDES
233-234. American Literature since 1870.—6 s.h.	PROFESSOR GOHDES
239-240. Shakespeare Problems.—6 s.h. [Not offered in 1942-43]	PROFESSOR BROWN
269. Southern Literature and Culture.—3 s.h. [Not offered in 1942-43]	PROFESSOR HUBBELL

DEPARTMENTAL MAJOR

Prerequisites: English 1 and 2.

Requirements for the Major: A major in English consists of twenty-four semester-hours of credit distributed as follows: *six* hours must be earned in English 55-56^a or in English 63-64 and *eighteen* hours credit, in courses in English and American literature of the 100 or 200 group.

FINE ARTS

ASSISTANT PROFESSOR McDONALD, CHAIRMAN; ASSISTANT PROFESSOR HALL, DIRECTOR OF UNDERGRADUATE STUDIES; DR. SUNDERLAND; MISS ROBINSON

1-2. History of Art.—6 s.h.	MISS ROBINSON
51-52. History of Art.—6 s.h.	51, ASSISTANT PROFESSOR HALL 52, ASSISTANT PROFESSOR McDONALD
53-54. Theory of Representation and Design.—6 s.h.	DR. SUNDERLAND
91. (Old number, 95.) Art of the Near and Middle East.—3 s.h.	ASSISTANT PROFESSOR McDONALD
92. (Old number, 97.) Art of the Far East.—3 s.h.	ASSISTANT PROFESSOR McDONALD
94. (Old number, 93.) American Painting and Sculpture.—3 s.h.	MISS ROBINSON
101. Medieval Architecture.—Prerequisite: 1-2 or 51. 3 s.h. [Not offered in 1942-43]	DR. SUNDERLAND
103. Renaissance and Baroque Architecture: Italy.—Prerequisite: 1-2 or 51. 3 s.h. [Not offered in 1942-43]	ASSISTANT PROFESSOR HALL
104. Renaissance and Baroque Architecture: Spain and the North.—Prerequisite: 1-2 or 51. 3 s.h. [Not offered in 1942-43]	ASSISTANT PROFESSOR HALL

105. European Architecture since 1700.—Prerequisite: 1-2 or 51. 3 s.h.
ASSISTANT PROFESSOR HALL
106. Architecture of the Americas.—Prerequisite: 1-2 or 51. 3 s.h.
ASSISTANT PROFESSOR HALL
110. (Old number, 120.) English Architecture.—Prerequisite: 1-2 or 51.
3 s.h. ASSISTANT PROFESSOR HALL
[Not offered in 1942-43]
121. (Old number, 102.) Medieval Art.—Prerequisite for Sophomores: 1-2
or 52. 3 s.h. ASSISTANT PROFESSOR McDONALD
123. (Old number, 107.) Renaissance Painting and Sculpture: Italy.—3 s.h.
DR. SUNDERLAND
124. (Old number, 109.) Baroque Painting.—3 s.h. DR. SUNDERLAND
125. (Old number, 108.) Renaissance Painting and Sculpture: the North.—
3 s.h. DR. SUNDERLAND
130. (Old number, 110.) Painting since 1700.—3 s.h. DR. SUNDERLAND

COURSES OFFERED IN OTHER DEPARTMENTS ACCREDITED IN THIS DEPARTMENT

Greek 141-142. Greek Art.

Greek 247-248. Greek Archaeology.

Latin 115. Architecture of Ancient Rome.

Latin 215. Introduction to Roman Art and Archaeology.

Latin 216. Topography and Monuments of Ancient Rome.

Philosophy 201-202. The Philosophy of Art.

Philosophy 213-214. History of Esthetics.

Psychology 202. Psychology of Esthetics.

DEPARTMENTAL MAJOR

Prerequisites: 1-2 or 51-52.*Major Requirements:* 53-54, and eighteen hours in courses chosen from the departmental offerings, or from courses in other departments accredited in this Department.

FORESTRY

Students without a Bachelor's degree who are preparing for work in forestry as a profession should take the courses outlined under the Academic-Forestry Combination. However, with the consent of the instructor in charge, certain forestry courses may be elected by students in other curricula provided they have had adequate preparation (see *Bulletin of the School of Forestry*).

Members of the Sophomore, Junior, and Senior classes may elect the following course:

52. Principles of Forestry.—2 s.h. ASSOCIATE PROFESSOR THOMSON

GEOLOGY

ASSOCIATE PROFESSOR BERRY

51. General Geology.—4 s.h. ASSOCIATE PROFESSOR BERRY
52. General Geology.—Prerequisite: Geology 51. 4 s.h.
ASSOCIATE PROFESSOR BERRY

- 101-102. **Mineralogy.**—Prerequisite: Chemistry 1-2 (can be taken concurrently). 8 s.h. ASSOCIATE PROFESSOR BERRY
151. **Economic Geology.**—Prerequisite: Geology 101-102. 4 s.h. ASSOCIATE PROFESSOR BERRY
152. **Introductory Paleontology.**—Prerequisites: Geology 51, 52 and Zoology 1. 4 s.h. ASSOCIATE PROFESSOR BERRY

DEPARTMENTAL MAJOR

- Prerequisites:* None for Geology 51. Chemistry 1-2 for Geology 101-102; Zoology 1 for Geology 152.
- Major Requirements:* Geology 51, 52, 101-102, 151, 152.

GERMAN LANGUAGE AND LITERATURE

PROFESSOR VOLLMER, CHAIRMAN; ASSISTANT PROFESSOR MAXWELL, DIRECTOR OF UNDERGRADUATE STUDIES; ASSISTANT PROFESSOR WILSON, SUPERVISOR OF FRESHMAN INSTRUCTION; PROFESSORS KRUMMEL AND WANNAMAHER; DR. SHEARS

- 1-2. **Elementary German.**—6 s.h. ASSISTANT PROFESSOR WILSON AND STAFF
- 3-4. **Intermediate German.**—6 s.h. PROFESSOR KRUMMEL AND STAFF
- 51-52. **Third-Year German.**—6 s.h.
- 101-102. **Elementary German.**—6 s.h. ASSISTANT PROFESSOR MAXWELL
- 103-104. **Intermediate German.**—6 s.h. ASSISTANT PROFESSOR WILSON
107. **Scientific German.**—3 s.h.
PROFESSOR WANNAMAHER AND ASSISTANT PROFESSOR MAXWELL
108. **Advanced Scientific and Medical German.**—3 s.h.
PROFESSOR WANNAMAHER AND ASSISTANT PROFESSOR MAXWELL
- 109-110. **German Prose Fiction.**—6 s.h. PROFESSOR KRUMMEL
- 111-112. **Introduction to the Classic Drama.**—6 s.h.
[Not offered in 1942-43] ASSISTANT PROFESSOR WILSON
- 113-114. **Nineteenth-Century German Poetry.**—6 s.h.
ASSISTANT PROFESSOR WILSON
- 115-116. **German Drama of the Nineteenth Century.**—
[Not offered in 1942-43] PROFESSOR KRUMMEL
- 117-118. **German Conversation.**—6 s.h. PROFESSOR VOLLMER
- 119-120. **German Literature in English Translation.**—6 s.h.
PROFESSOR VOLLMER
[Cannot be taken for foreign language credit. Knowledge of German not required.]
- 121-122. **Schiller.**—6 s.h. PROFESSOR VOLLMER
[Not offered in 1942-43]
- 123-124. **Modern German Short Story.**—6 s.h. DR. SHEARS
- 125-126. **Contemporary German Literature.**—6 s.h. DR. SHEARS
[Not offered in 1942-43]

201-202. Goethe.—6 s.h. [Not offered in 1942-43]	PROFESSOR KRUMMEL
207-208. German Romanticism.—6 s.h. [Not offered in 1942-43]	PROFESSOR VOLLMER
209-210. Kleist, Grillparzer, and Hebbel.—6 s.h.	PROFESSOR KRUMMEL
211-212. Heinrich Heine and Young Germany.—6 s.h.	PROFESSOR VOLLMER
213-214. Literature of the Empire, 1871-1914.—6 s.h.	PROFESSOR VOLLMER

DEPARTMENTAL MAJOR

1. *Prerequisites*: German 1-2 and 3-4.

2. *Major Requirements*: Twenty-four hours in the German Department. Twelve of these must be selected from the 200 courses. The remaining twelve may be selected from German 51-52 and any courses in the 100 group except 101-102, 103-104, and 119-120.

HONORS IN GERMAN

Prerequisites:

1. For admission to candidacy for Honors in German, a student must have begun the study of the language not later than the Freshman year in college.

2. A student who has completed at least twelve semester hours of college German by the end of the Sophomore year with a grade of "A" or "B" (equivalent courses in secondary schools or in other colleges may be presented as substitutes) is eligible to apply to the Departmental Committee for permission to read for Honors in German.

General Rules:

I. The Departmental Honors Program constitutes the work of the Honors student during the Junior and Senior years. This program shall be the equivalent of sixty semester-hours of work.

II. *Work in the German Department*: The amount of work taken in the German Department shall be the equivalent of thirty-six semester-hours. Of this the work done in the Honors tutorials shall count twelve hours, six hours for the Junior year and six hours for the Senior year. The comprehensive examinations at the end of the Senior year are counted as part of this twelve semester-hours credit.

III. *Related Work*: The related work, which constitutes at least two fifths of the Honors program, that is, the equivalent of twenty-four semester-hours, must be distributed among not less than two departments, unless the Departmental Committee gives special permission for the student to take his related work in one department.

IV. *General Honors Examinations*: In May of the Senior year the candidate will be given a general written examination, conducted by his Adviser, on his Honors Reading. A general oral examination, conducted by the Departmental Committee and presupposing a general knowledge of the development of German culture and civilization and a practical ability in the use of the German language, will also be conducted in May.

GREEK

PROFESSOR PEPPLER, CHAIRMAN, AND DIRECTOR OF UNDERGRADUATE STUDIES; DR. TRUESDALE, SUPERVISOR OF FRESHMAN INSTRUCTION; ASSISTANT PROFESSOR WAY

1-2. Course for Beginners.—6 s.h.	DR. TRUESDALE
15. Mythology.—3 s.h.	DR. TRUESDALE

53-54. Xenophon.—6 s.h.	DR. TRUESDALE
105-106. Homer.—6 s.h.	PROFESSOR PEPPLER AND DR. TRUESDALE
107-108. Plato.—6 s.h.	DR. TRUESDALE
115-116. Sight Reading in Greek.—4 s.h.	ASSISTANT PROFESSOR WAY AND DR. ROSE
117-118. Greek Prose Composition.—3 s.h.	PROFESSOR PEPPLER
121-122. Greek Literature in English Translation.—6 s.h.	PROFESSOR PEPPLER
131. History of Greece.—3 s.h.	ASSISTANT PROFESSOR WAY
141-142. Greek Art.—6 s.h.	ASSISTANT PROFESSOR WAY
201-202. Greek Tragedy.—6 s.h.	PROFESSOR PEPPLER
203-204. Homer.—Pindar and Bacchylides. 6 s.h.	DR. TRUESDALE
205-206. Greek Historians.—6 s.h.	PROFESSOR PEPPLER
207-208. Greek Orators.—6 s.h.	ASSISTANT PROFESSOR WAY
209-210. Plato.—6 s.h.	ASSISTANT PROFESSOR WAY
211-212. Aristophanes.—6 s.h.	PROFESSOR PEPPLER
243. Athenian Topography.—3 s.h.	ASSISTANT PROFESSOR WAY
244. Greek Epigraphy.—3 s.h.	ASSISTANT PROFESSOR WAY
245. Greek Dialects.—3 s.h.	ASSISTANT PROFESSOR WAY
246. Greek Historical Inscriptions.—3 s.h.	ASSISTANT PROFESSOR WAY
247-248. Greek Archaeology.—6 s.h.	ASSISTANT PROFESSOR WAY
257. Social and Cultural History of the Hellenistic World from Alexander to Augustus.—3 s.h.	DR. TRUESDALE
[Not offered in 1942-43]	

DEPARTMENTAL MAJOR

Prerequisite: Greek 1-2.

Major Requirements: A candidate for a major in Greek must complete twenty-four semester-hours, including the following courses: Greek 53-54, 105-106, 107-108, 117-118, and 131.

DEPARTMENTAL HONORS PROGRAM

For admission to candidacy for Honors in Greek the student must have completed Greek 1-2 and 53-54 or their equivalent.

Candidates for Honors must complete the following program of work:

(a) Greek 105-106, 131, 141-142, 107-108, 122, and 117-118.

(b) Four year-courses in related departments.

(c) The Honors Reading. This is tutorial work in which the student is required to read assigned portions of Greek literature by himself, to write papers on topics related to his reading, and to meet the Honors Adviser in weekly conferences for the discussion of the literature that he is reading independently. For the Honors Reading a credit of nine semester-hours is given.

Students who enter the University with advanced standing in Greek take higher courses in the language than those listed above.

At the end of the Senior year candidates for Honors must pass a comprehensive examination in writing on the subject matter covered by their studies in Greek.

Graduates of Duke University may attend the American School of Classical Studies at Athens, Greece, without charge for tuition, and are eligible to compete for the fellowships that are offered annually by the School. These consist of two fellowships in Greek archaeology and one in the language, literature, and history of ancient Greece, each with a stipend of \$1,300. They are awarded mainly on the basis of examinations held in the beginning of February of each year.

HEALTH AND PHYSICAL EDUCATION

TRINITY COLLEGE

MR. WADE, DIRECTOR; MESSRS. AYCOCK, CALDWELL, CAMERON, CARD, CHAMBERS, COOMBS, CRICHTON, FOGLEMAN, GERARD, HAGLER, LEWIS, MONTFORT, PERSONS, POTTER, STANLEY

PHYSICAL EDUCATION CLASSES

1-2. Basketball.—1½ s.h.	MR. CALDWELL
3-4. Boxing.—1½ s.h.	MR. POTTER
5-6. Individual Corrective Activities.—1½ s.h.	MR. AYCOCK
7-8. Handball.—1½ s.h.	MR. GERARD
9-10. Softball.—1½ s.h.	MR. STANLEY
11-12. Soccer Football.—1½ s.h.	MR. GERARD
13-14. Swimming.—1½ s.h.	MR. PERSONS
15-16. Touch Football.—1½ s.h.	MR. GERARD
17-18. Tennis.—1½ s.h.	MR. FOGLEMAN
19-20. Tumbling Stunts.—1½ s.h.	MR. CARD
21-22. Postural Training.—1½ s.h.	MR. MONTFORT
25-26. Wrestling.—1½ s.h.	MR. POTTER
27-28. Apparatus Stunts.—1½ s.h.	MR. CARD
49. Lacrosse.—1½ s.h.	MR. POTTER
55-56. Individual Corrective Activities.—1½ s.h.	MR. AYCOCK
59. Baseball.—1½ s.h.	MR. COOMBS
61-62. Golf.—1½ s.h.	MR. CRICHTON AND MR. HAGLER
63-64. Advanced Tennis.—1½ s.h.	MR. FOGLEMAN
65-66. Advanced Apparatus.—1½ s.h.	MR. MONTFORT

INTERCOLLEGIATE ATHLETIC SPORTS

FRESHMEN	VARSITY
30. Baseball.—1½ s.h.	70. Lacrosse.—1½ s.h.
32. Basketball.—1½ s.h.	80. Baseball.—1½ s.h.
37. Football.—1½ s.h.	82. Basketball.—1½ s.h.
38. Football.—1½ s.h.	83. Basketball.—1½ s.h.
41. Cross Country.—1½ s.h.	87. Football.—1½ s.h.
42. Swimming.—1½ s.h.	88. Football.—1½ s.h.
44. Tennis.—1½ s.h.	90. Golf.—1½ s.h.
46. Track.—1½ s.h.	91. Cross Country.—1½ s.h.
48. Wrestling.—1½ s.h.	92. Tennis.—1½ s.h.
50. Lacrosse.—1½ s.h.	93. Soccer Football.—1½ s.h.
	94. Swimming.—1½ s.h.
	95. Track.—1½ s.h.
	96. Track.—1½ s.h.
	98. Wrestling.—1½ s.h.

ELECTIVES IN PHYSICAL EDUCATION

Students in Group VI A may elect fifteen semester-hours from the courses offered below. Six semester-hours may be elected from the courses listed under Special Methods in Physical Education and nine semester-hours may be elected from the courses listed under Theory and Practice in Physical Education.

These courses are arranged to meet the increasing demand for teachers who are qualified to coach and teach physical education. These courses should be selected with the advice of the Director of Undergraduate Studies in order to meet the needs of the individual.

SPECIAL METHODS IN PHYSICAL EDUCATION

163. Athletic Coaching in Secondary Schools.—Prerequisites: courses 30 or 80 and 21-22 or 46 or 96 or their equivalent. 3 s.h.

MR. COOMBS, MR. CHAMBERS

164. Athletic Coaching in Secondary Schools.—Prerequisites: courses 37 or 87 and 1-2 or 32 or 82 or their equivalent. 3 s.h.

MR. WADE, MR. STANLEY, MR. CAMERON

THEORY AND PRACTICE IN PHYSICAL EDUCATION

65. History and Principles of Physical Education.—3 s.h.

MR. AYCOCK, MR. GERARD

172. Recreational Leadership.—3 s.h.

MR. GERARD

173. Individual Gymnastics.—3 s.h.

MR. AYCOCK

182. The Administration of Health and Physical Education in Secondary Schools.—3 s.h.

MR. AYCOCK, MR. GERARD

187. School Programs of Physical Education.—3 s.h.

MR. GERARD

190. Protective Practices in Physical Education.—3 s.h.

MR. CHAMBERS

WOMAN'S COLLEGE

ASSISTANT PROFESSOR GROUT, CHAIRMAN; MRS. BOOKHOUT, MISS DOWLING, MISS LEWIS, MRS. ROGERS, AND MISS SMITH

ACTIVITIES OFFERED

October to December: Badminton, bowling, diving, golf, hockey, recreational sports, riding, soccer, swimming, tennis, volleyball.

December to March: Basketball, body mechanics, bowling, clog and tap dancing, folk dancing, social dancing, modern dance, rhythm fundamentals, fencing, individual gymnastics, life saving, riding, swimming, first aid.

March to June: Archery, badminton, bowling, diving, fencing, golf, life saving, modern dance, riding, softball, swimming, tennis, first aid, learning and directing recreational sports.

COURSES FOR A TEACHING MAJOR OR MINOR IN HEALTH AND PHYSICAL EDUCATION

Students in Group VI A in the Woman's College may take courses in Health and Physical Education to complete a teaching minor or major in those combined fields. Fifteen hours for a minor and twenty-four hours for a major, exclusive of the Zoology requirement, will satisfy the requirement for a teaching certificate in North Carolina. Students should consult with a member of the Department before selecting their courses.

Prerequisite for a teaching major: Zoology 1 and 2.

Required for a teaching major: Zoology 53 and 151.

PHYSICAL EDUCATION

101. History and Principles of Physical Education.—2 s.h.

ASSISTANT PROFESSOR GROUT

102. Physical Education in Elementary Schools.—Required of all students in Group VI B.—3 s.h.

ASSISTANT PROFESSOR GROUT

108. Problems in Community Recreation.—3 s.h.

MISS DOWLING

114. Kinesiology.—3 s.h.

MRS. BOOKHOUT

118. Orthopedic and Remedial Physical Education.—3 s.h.

MRS. BOOKHOUT

119. Organization and Administration of Physical Education.—2 s.h.

ASSISTANT PROFESSOR GROUT

181-182. Methods and Materials in Secondary School Physical Education.—Required for a minor in Group VI A.—6 s.h.

MISS SMITH AND THE STAFF

185-186. Advanced Methods and Materials in Physical Education.—6 s.h.

MISS SMITH AND THE STAFF

HEALTH EDUCATION

41. Personal Health Problems.—Required of all majors in Health and Physical Education.—3 s.h.

MRS. ROGERS

112. School Health Problems.—Required of all students in Group VI B and of all majors and minors in Health and Physical Education. 3 s.h.

MRS. ROGERS

HISTORY

PROFESSOR LAPRADE, CHAIRMAN; ASSOCIATE PROFESSOR NELSON, DIRECTOR OF UNDERGRADUATE STUDIES; ASSISTANT PROFESSOR HAMILTON, SUPERVISOR OF FRESHMAN INSTRUCTION; PROFESSORS BALDWIN, CARROLL, CLYDE, AND SYDNOR; ASSOCIATE PROFESSOR LANNING; ASSISTANT PROFESSORS MCCLOY, MANCHESTER, QUINN, ROBERT, STILL, AND WOODY; DRs. FERGUSON, PARKER, ROPP, AND WATSON; MESSRS. CHRISTOPHER AND VAN DUSEN; MISS CHAFFIN (PART-TIME)

1-2. Historical Background of the World Today.—6 s.h.

PROFESSORS CARROLL AND CLYDE; ASSOCIATE PROFESSOR NELSON; ASSISTANT PROFESSORS HAMILTON, MANCHESTER, AND QUINN; DRs. FERGUSON AND ROPP; MESSRS. CHRISTOPHER AND VAN DUSEN; MISS CHAFFIN

51-52. Historical Background of the World Today.—6 s.h.

PROFESSOR BALDWIN, ASSISTANT PROFESSOR MCCLOY, AND DR. PARKER

[Not open to Freshmen or to students who have had course 1-2.]

61-62. Russia and the Near East from Peter the Great to Stalin.—Prerequisite: course 1-2 or 51-52. 6 s.h.

[Not offered in 1942-43]

DR. ROPP

63-64. Sea Power and Modern Navies.—6 s.h.

DR. ROPP

65-66. The Social and Cultural History of Western Europe in the Seventeenth and Eighteenth Centuries.—6 s.h.

ASSISTANT PROFESSOR MCCLOY

91. Political and Social History of the United States to 1850.—3 s.h.

ASSISTANT PROFESSORS ROBERT AND STILL; MR. VAN DUSEN

92. Political and Social History of the United States since 1850.—3 s.h.

ASSISTANT PROFESSORS ROBERT AND STILL; MR. VAN DUSEN

101-102. Early European Civilization.—6 s.h.

ASSISTANT PROFESSOR QUINN

105-106. English Constitutional History.—6 s.h.

ASSISTANT PROFESSOR HAMILTON

107-108. Social and Cultural History of England.—6 s.h.

DR. FERGUSON

109-110. Political and Cultural Foundations of Modern Europe, 1400-1648. 6 s.h.

ASSOCIATE PROFESSOR NELSON

114. History of the United States since Reconstruction.—Prerequisites: courses 91 and 92. 3 s.h.

[Not offered in 1942-43]

ASSOCIATE PROFESSOR LANNING

119-120. Social and Cultural History of the United States.—Prerequisites: courses 91 and 92. 6 s.h.

ASSISTANT PROFESSOR ROBERT

121-122. The Church in American History.—Prerequisites: courses 91 and 92. 6 s.h.

[Not offered in 1942-43]

PROFESSOR BALDWIN

123-124. English History.—6 s.h.

PROFESSOR LAPRADE

125. The Ancient Regime, the French Revolution, and Napoleon.—3 s.h.

DR. PARKER

126. The Congress of Vienna and the Rise of the European Nations to 1870.—3 s.h. DR. PARKER

127. History of Latin America Through the Formation of the National Governments.—3 s.h. ASSOCIATE PROFESSOR LANNING

128. Inter-American Affairs.—3 s.h. ASSOCIATE PROFESSOR LANNING

Ancient History.—Greek 131—Latin 131-132.

135. Main Currents in European History, 1815-1914.—3 s.h. PROFESSOR CARROLL

136. Europe since 1914, Including the Rise of the Totalitarian States, Russia, Italy, and Germany; the Second World War.—3 s.h.

PROFESSOR CARROLL

141-142. The Far East from Commodore Perry to Chiang Kai-shek.—6 s.h. PROFESSOR CLYDE

153-154. The History of the South.—6 s.h. PROFESSOR SYDNOR

FOR SENIORS AND GRADUATES

209-210. American Constitutional History.—Prerequisites: courses 91 and 92. 6 s.h. ASSISTANT PROFESSOR STILL

211. The Teaching of History and the Social Studies (Education 225).—3 s.h. ASSISTANT PROFESSOR MANCHESTER

215-216. The Foreign Policy and Diplomacy of the United States.—6 s.h. PROFESSOR CLYDE

217-218. Europe since 1870.—6 s.h. PROFESSOR CARROLL
[Not offered in 1942-43]

219-220. The History of the European Proletariat.—6 s.h. PROFESSOR CARROLL

223-224. Medieval Institutions and Culture.—6 s.h. ASSISTANT PROFESSOR QUINN

221-222. The Age of the Renaissance.—6 s.h. ASSOCIATE PROFESSOR NELSON

225-226. The Age of the Reformation.—6 s.h. ASSOCIATE PROFESSOR NELSON
[Not offered in 1942-43]

230. The Portuguese Empire and the Rise of Brazil.—3 s.h. ASSISTANT PROFESSOR MANCHESTER

231. The Hispanic Colonies of the New World.—3 s.h. ASSOCIATE PROFESSOR LANNING

232. Hispanic Republics of the New World.—3 s.h. ASSOCIATE PROFESSOR LANNING

233. The Cultural and Institutional History of Colonial Hispanic America.—3 s.h. ASSOCIATE PROFESSOR LANNING
[Not offered in 1942-43]

234. Political and Social Problems in the Hispanic American Republics.—3 s.h. ASSOCIATE PROFESSOR LANNING
[Not offered in 1942-43]

241-242. *Eastern Asia and the Pacific.*—6 s.h.
[Not offered in 1942-43]

PROFESSOR CLYDE

263-264. *American Colonial History and the Revolution, 1606-1783.*—
Prerequisites: courses 91 and 92. 6 s.h. ASSISTANT PROFESSOR WOODY

265-266. *The Westward Movement in the United States.*—Prerequisites:
courses 91 and 92. 6 s.h. ASSISTANT PROFESSOR STILL
[Not offered in 1942-43]

DEPARTMENTAL MAJOR

Prerequisites: The Introductory Course in History (1-2 or 51-52).

Major Requirements: Students in the General Group desiring to take a major in history are required to elect twenty-four semester-hours in the Department, including six semester-hours in the Senior year from courses in the 200 group. Students desiring to take the more advanced courses in American history should elect courses 91 and 92 in the Sophomore or Junior year.

DEPARTMENTAL HONORS PROGRAM

Students may become candidates for Honors in history who have passed with a grade of "B" or better in their Freshman and Sophomore years courses 91 and 92 in addition to the introductory course in European history.

Candidates for Honors in history are required to take in the Junior year two courses in history offered in the 100 group and to make an average grade of "B" or better on this work. The remaining work in the Junior year will be chosen from related work and other electives with the consent of the Departmental Committee on Honors. In the Senior year, in addition to the equivalent of fifteen semester-hours of supervised reading in history, the candidate must elect with the approval of the Departmental Committee on Honors six semester-hours of work from the courses in history offered in the 200 group, on which he is required to make a grade of "B" or better, and nine semester-hours of related or other elective work.

Of the supervised reading, which shall be done under the immediate supervision of members of the Departmental Committee on Honors, the equivalent of six semester-hours shall be devoted to the classical historians such as Herodotus, Thucydides, Tacitus, Livy, Bede, the better-known chronicles, Machiavelli, Gibbon, Hume, Voltaire, Ranke, and others; the equivalent of nine semester-hours shall be devoted to selected fields in either American or European history as the student may elect and the Departmental Committee advise.

At the conclusion of the work the student shall be given an oral examination by a committee of three, consisting of the two members of the Departmental Committee on Honors in charge of his supervised reading and another member of the Department selected by the Departmental Committee.

LATIN AND ROMAN STUDIES

PROFESSOR ROGERS, CHAIRMAN AND DIRECTOR OF UNDERGRADUATE STUDIES; DR. ROSE, SUPERVISOR OF FRESHMAN INSTRUCTION; PROFESSOR ROSBOROUGH; ASSISTANT PROFESSOR GATES

1-2. *Course for Beginners.*—6 s.h.

DR. ROSE

3. *Cicero's Orations.*—Prerequisite: two entrance units of Latin. 3 s.h.
ASSISTANT PROFESSOR GATES OR DR. ROSE

4. *Vergil's Aeneid.*—Prerequisite: three entrance units and Latin 57 taken in the semester preceding admission to the course, unless Latin 3 was taken. 3 s.h.
ASSISTANT PROFESSOR GATES OR DR. ROSE

41. Livy's History of Rome.—3 s.h. THE STAFF
42. Horace.—3 s.h. THE STAFF
53. Sallust and Tacitus.—Prerequisite: Latin 41-42 or an equivalent. 3 s.h.
DR. ROSE
54. Catullus.—3 s.h. DR. ROSE
57. Sight Reading in Classical Latin.—1 s.h. THE STAFF
58. Sight Reading in Medieval Latin.—Prerequisite: at least one of the following courses: Latin 3, 4, 41, 42, and 57, or an equivalent. 1 s.h.
DR. ROSE
- 65-66. Latin Prose Composition.—2 s.h. DR. ROSE
101. Tacitus and Suetonius.
[Not offered in 1942-43]
102. Juvenal and Persius.
[Not offered in 1942-43]
103. The Roman Elegiac Poets.—3 s.h. PROFESSOR ROSBOROUGH
104. Horace: Satires and Epistles.—3 s.h. PROFESSOR ROSBOROUGH
105. Martial's Epigrams.
[Not offered in 1942-43]
106. Letters of Pliny the Younger.
[Not offered in 1942-43]
107. Livy: Ab Urbe Condita.
[Not offered in 1942-43]
108. Cicero's Letters.—3 s.h. ASSISTANT PROFESSOR GATES
109. Materials and Methods.—Prerequisite: eighteen approved semester-hours of college Latin, including courses 41-42, 53-54, or equivalent courses. 3 s.h.
ASSISTANT PROFESSOR GATES
- 111-112. Roman Literature in English Translation.
[Not offered in 1942-43]
- 113-114. Roman Civilization.
[Not offered in 1942-43]
- 115-116. Art and Architecture of Ancient Rome.
[Not offered in 1942-43]
- 131-132. History of Rome.—6 s.h. PROFESSOR ROGERS
- 203-204. Roman Epic: Ennius, Vergil, Manilius, Lucan, Flaccus, Statius, Silius.—6 s.h. ASSISTANT PROFESSOR GATES
- 205-206. Roman Drama.—6 s.h. ASSISTANT PROFESSOR GATES
- 207-208. Roman Philosophy.—6 s.h. PROFESSOR ROSBOROUGH
- 209-210. Vulgar Latin: Introduction to Romance Philology.
[Not offered in 1942-43]
- 211-212. Roman Oratory.—6 s.h. PROFESSOR ROGERS

215. Roman Art and Archaeology.
[Not offered in 1942-43]

216. Topography and Monuments of Ancient Rome.—3 s.h.

PROFESSOR ROSBOROUGH

DEPARTMENTAL MAJOR

Prerequisites: Latin 41-42, 65-66, or acceptable equivalents.

Major Requirements: Latin 53-54, 101-102, six semester-hours in courses numbered from 103 to 108, and six semester-hours in courses numbered from 200 to 299 to be taken in the Senior year.

In addition, all majors are expected to pursue course 131-132, History of Rome.

Majors who contemplate graduate work are reminded of the necessity of Greek, German, and French for such study.

LAW COURSES FOR ACADEMIC STUDENTS

The first-year program of the Law School will include the following courses:

<i>Subject</i>	<i>Semester-Hours</i>
Agency	2
Contracts	6
Criminal Law and Its Administration	3
Family Law	2
Introduction to Law Study	2
Introduction to Procedure	3
Legal Bibliography	2
Personal Property	2
Possessory Estates	2
Torts	5
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MATHEMATICS

PROFESSOR GERGEN, CHAIRMAN; PROFESSOR ELLIOTT, DIRECTOR OF UNDERGRADUATE STUDIES; ASSISTANT PROFESSOR HICKSON, SUPERVISOR OF FRESHMAN INSTRUCTION; PROFESSORS RANKIN AND THOMAS; ASSOCIATE PROFESSORS CARLITZ AND ROBERTS; ASSISTANT PROFESSORS DRESSEL AND PATTERSON; DR. BOAS; MRS. BOAS (PART-TIME); AND ASSISTANTS

1. Introduction to College Algebra.—3 s.h.

ASSISTANT PROFESSOR HICKSON AND STAFF

2. Plane Trigonometry.—Prerequisite: Mathematics 1 or the equivalent.
3 s.h.

ASSISTANT PROFESSOR HICKSON AND STAFF

3-4. Mathematical Analysis for Students of Business.—6 s.h.

ASSISTANT PROFESSOR HICKSON AND STAFF

7. Algebra and Trigonometry.—3 s.h.

PROFESSOR ELLIOTT AND STAFF

8. Introduction to Analytic Geometry and Calculus.—3 s.h.

PROFESSOR ELLIOTT AND STAFF

9-10. First-Year Engineering Mathematics.—10 s.h.

ASSISTANT PROFESSOR PATTERSON AND STAFF

15. Spherical Geometry and Trigonometry.—Prerequisite: Mathematics 7 or the equivalent. 3 s.h. ASSISTANT PROFESSOR DRESSSEL AND STAFF

50. Analytic Geometry.—Prerequisite: Mathematics 7 or the equivalent. 3 s.h. (W): DR. BOAS (first semester) and PROFESSOR GERGEN (second semester); (E): PROFESSOR ELLIOTT (second semester)

51-52. Differential and Integral Calculus.—Prerequisite: Mathematics 50 or permission from the instructor. 6 s.h. PROFESSOR ELLIOTT (51 first semester, 52 second semester); DR. BOAS (51 second semester); ASSOCIATE PROFESSOR CARLITZ (52 first semester)

59-60. Second-Year Engineering Mathematics.—Prerequisite: Mathematics 9-10 or the equivalent. 8 s.h. ASSISTANT PROFESSOR PATTERSON AND STAFF

63. Graphical and Numerical Computation.—Prerequisite: Mathematics 7 or the equivalent. 3 s.h. PROFESSOR THOMAS

64. Mathematics of Artillery Fire.—Prerequisite: Mathematics 7 or the equivalent. 3 s.h. PROFESSOR THOMAS

71. Mathematics of Investment.—Prerequisite: 6 semester-hours of college mathematics. 3 s.h. ASSISTANT PROFESSOR HICKSON

74. Statistics.—Prerequisite: 6 semester-hours of college mathematics. 3 s.h. ASSISTANT PROFESSOR HICKSON

76. Mathematical Theory of Economics.—Prerequisite: Mathematics 4 or the equivalent. 3 s.h. ASSISTANT PROFESSOR HICKSON
[Not offered in 1942-43]

131. Elementary Differential Equations.—Prerequisite: integral calculus. 3 s.h. ASSISTANT PROFESSOR HICKSON

139-140. Second Course in Calculus.—Prerequisite: integral calculus. 6 s.h. PROFESSOR ELLIOTT

160. Elementary Solid Analysis Geometry.—Prerequisite: integral calculus. 3 s.h. ASSOCIATE PROFESSOR CARLITZ

161-162. Reading Course for Juniors.

163-164. Reading Course for Seniors.

FOR SENIORS AND GRADUATES

201. History of Mathematics.—Prerequisite: differential calculus. 3 s.h. [Not offered in 1942-43] PROFESSOR RANKIN

204. Teaching of Mathematics.—3 s.h. [Not offered in 1942-43] PROFESSOR RANKIN

225. Theory of Equations.—Prerequisite: integral calculus. 3 s.h. [Not offered in 1942-43] PROFESSOR THOMAS

227-228. Theory of Numbers.—Prerequisite: integral calculus. 6 s.h. ASSOCIATE PROFESSOR CARLITZ

229-230. Algebraic Numbers.—Prerequisite: Mathematics 225. 6 s.h. [Not offered in 1942-43] ASSOCIATE PROFESSOR CARLITZ

- 235-236. **Modern Algebra.**—Prerequisite: integral calculus. 6 s.h.
[Not offered in 1942-43] ASSOCIATE PROFESSOR CARLITZ
- 255-256. **Projective Geometry.**—Prerequisite: integral calculus. 6 s.h.
[Not offered in 1942-43] PROFESSOR THOMAS
- 271-272. **Introductory Topology.**—Prerequisite: integral calculus. 6 s.h.
ASSOCIATE PROFESSOR ROBERTS
275. **Probability.**—Prerequisite: integral calculus. 3 s.h. DR. BOAS
[Not offered in 1942-43]
281. **Elementary Potential Theory.**—Prerequisite: integral calculus. 3 s.h.
PROFESSOR GERGEN
282. **Differential Equations of Mathematical Physics.**—Prerequisite: integral calculus. 3 s.h. ASSISTANT PROFESSOR DRESSSEL
283. **Fourier Series and Spherical Harmonics.**—Prerequisite: integral calculus. 3 s.h. ASSISTANT PROFESSOR DRESSSEL
[Not offered in 1942-43]
284. **Vector Analysis.**—Prerequisite: integral calculus. 3 s.h.
[Not offered in 1942-43] PROFESSOR THOMAS
287. **Mathematical Logic.**—3 s.h. ASSOCIATE PROFESSOR CARLITZ
[Not offered in 1942-43]
288. **Foundations of Mathematics.**—3 s.h. ASSOCIATE PROFESSOR CARLITZ
[Not offered in 1942-43]
- 291-292. **Theory of Functions.**—Prerequisite: second course in calculus. 6 s.h. PROFESSOR GERGEN
[Not offered in 1942-43]

DEPARTMENTAL MAJOR

Prerequisite: Six semester-hours of Freshman mathematics.

Major Requirements: Mathematics 51-52 or 59-60 and twelve semester-hours in courses numbered above 100. These twelve hours must be approved by the Department through the Director of Undergraduate Studies.

DEPARTMENTAL HONORS PROGRAM

Prerequisites: A student who meets the general requirement as to candidacy of the Honors Group, who has completed Mathematics 51 or 59 and who has earned an average grade of "B" or better in his courses in mathematics, may become a candidate for Honors.

Honors Work:

(a) **Work in Mathematical Courses:** To graduate with Honors a candidate must complete, during his Honors program, a minimum of eighteen semester-hours of course work in regular open courses numbered above 100. These courses must be completed with an average grade of "B" or better.

(b) **Tutorial Work:** During his Honors program a candidate reads on special topics in mathematics under the personal supervision of a tutor. A candidate must earn a minimum of six semester-hours of credit in his tutorial work. He cannot earn more than nine semester-hours in his tutorial work, nor more than thirty-six semester hours for his course work in mathematics and his tutorial work combined.

(c) **Work in Courses in Related Fields:** A candidate must earn a sufficient number of semester-hours of credit in courses in related fields to complete with the credit obtained in (a) and (b) the sixty semester-hours required in the Honors Group.

A candidate's program must be approved by the Departmental Honors Advisor.

General Honors Examination: At the end of his Senior year each candidate reading for Honors in Mathematics must pass a comprehensive examination on his Honors program. This examination may be written, oral, or both. Faculty members from other departments and other institutions may be invited to participate in this examination.

MUSIC

DEAN BALDWIN, ACTING CHAIRMAN; MR. BRUINSMA, DIRECTOR OF UNDERGRADUATE STUDIES; MR. BROADHEAD, SUPERVISOR OF FRESHMAN INSTRUCTION; MISS EIDAM

THEORY

- 11-12. Fundamentals of Music.—6 s.h. MISS EIDAM AND MR. BRUINSMA
 61-62. Counterpoint, Canon, and Fugue.—Prerequisite: Music 11-12. 6 s.h.
 MR. BROADHEAD
 71-72. Analysis of Form.—Prerequisite: Music 11-12. 6 s.h.
 MR. BRUINSMA
 111-112. Harmony.—Prerequisite: Music 11-12. 6 s.h. MR. BRUINSMA
 121-122. Orchestration and Conducting.—Prerequisite: Music 11-12. 6 s.h.
 MR. BRUINSMA

HISTORY AND CRITICISM

- 81-82. Introduction to Musical Literature.—6 s.h. MR. BROADHEAD
 131. Symphonic Literature.—Prerequisite: Music 81-82 or consent of instructor. 3 s.h. MISS EIDAM
 132. Symphonic Literature.—Prerequisite: Music 131 or consent of instructor. 3 s.h. MISS EIDAM
 142. Organ Literature.—Prerequisite: Music 81-82. 3 s.h.
 [Not offered in 1942-43] MR. BROADHEAD
 197. Bach.—3 s.h. MR. BROADHEAD
 198. Beethoven.—3 s.h. MR. BROADHEAD

MUSIC EDUCATION

101. Vocal Methods.—Prerequisite: Music 11-12. 3 s.h. MR. BRUINSMA
 102. Instrumental Methods.—Prerequisite: Music 11-12. 3 s.h.
 MR. BRUINSMA
 151-152. Fundamentals of Music for Education Students.—6 s.h.
 MR. BRUINSMA

APPLIED MUSIC

Instruction in organ, piano, violin, violoncello, and voice is available to Duke University students. Membership in the Chapel Choir, the Glee Clubs, Bands, and Symphony Orchestra is open to those who can qualify.

Organ.....	Mr. Edward Hall Broadhead
Piano.....	Mr. Henry A. Bruinsma
Violoncello.....	Miss Mary Eidam
Vocal Ensembles.....	Mr. and Mrs. J. Foster Barnes
Instrumental Ensembles.....	Mr. Robert Fearing

DEPARTMENTAL MAJOR**IN PUBLIC SCHOOL MUSIC**

The Department of Music has set up the following minimum requirements within the thirty hours of credit required by the North Carolina Department of Public Instruction for the Music Teaching Certificate: Music 11-12, 6 s.h.; Music 81-82, 6 s.h.; Music 101, 102, 6 s.h.; music electives, 12 s.h.

Each candidate must demonstrate his ability to play simple accompaniments and hymns at sight, and must be a member in good standing of at least one University musical organization (Band, Orchestra, Choir, or Glee Club) for a minimum of two years.

The major requirements above are in addition to the professional requirements of the North Carolina Department of Public Instruction which are common to all certificates. This certificate qualifies a person for both High school and elementary school teaching.

For required Education courses refer to the Department of Education.

In Music Theory:

Prerequisite: Music 11-12. Major Requirements: Music 61-62, 111-112, 81-82, and six semester-hours of general music electives.

In Music History:

Prerequisite: Music 11-12. Major Requirements: Music 81-82, 131-132, 197-198, and six semester-hours of general music electives.

NAVAL SCIENCE AND TACTICS

PROFESSOR CLAY, CAPTAIN, U. S. NAVY, RETIRED; ASSOCIATE PROFESSOR PIERSON, LIEUTENANT COMMANDER, U. S. NAVY; ASSISTANT PROFESSOR SEAGROVES, LIEUTENANT, U. S. NAVY

1. Seamanship.—3 s.h. (w)	STAFF
2. Naval History and Administration.—3 s.h. (w)	STAFF
51-52. Navigation and Nautical Astronomy.—6 s.h. (w)	STAFF
101. Ordnance and Engineering.—3 s.h. (w)	STAFF
102. Gunnery and Electricity.—3 s.h. (w)	STAFF
151. Communications and Military Law.—3 s.h. (w)	STAFF
152. Aviation and International Law.—3 s.h. (w)	STAFF

PHILOSOPHY

PROFESSOR WIDGERY, CHAIRMAN; ASSOCIATE PROFESSOR MORGAN, DIRECTOR OF UNDERGRADUATE STUDIES; DR. MCLARTY, SUPERVISOR OF FRESHMAN INSTRUCTION; PROFESSORS GILBERT AND SMITH; ACTING PROFESSOR DUBS; AND ASSOCIATE PROFESSOR LEONARD

For courses marked * there is a prerequisite of three hours of philosophy; admission otherwise by permission of the instructor. Sophomores may in general take courses prescribed for Juniors by permission of the instructor.

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| 48. Introduction to Logic and Scientific Method.—3 s.h. | ASSOCIATE PROFESSOR LEONARD |
| 95. Introduction to Ethics.—3 s.h. | PROFESSOR GILBERT AND ASSOCIATE PROFESSOR MORGAN |
| 96. The Development of American Philosophy.—3 s.h. | ASSOCIATE PROFESSOR MORGAN |

101. Introduction to Philosophy.—3 s.h.
 PROFESSOR WIDGERY (*first semester*)
 DR. McLARTY (*second semester*)
 PROFESSOR GILBERT
103. Logic.—3 s.h.
 [In alternate years—offered in 1942-43] ASSOCIATE PROFESSOR LEONARD
104. Scientific Methodology.—3 s.h.
 [In alternate years—offered in 1942-43] ASSOCIATE PROFESSOR LEONARD
105. Introduction to the History of Philosophy: Ancient and Medieval.—
 3 s.h. DR. McLARTY
106. Introduction to the History of Philosophy: Modern.—3 s.h.
 PROFESSOR WIDGERY AND DR. McLARTY
108. Philosophical Ideas in Ancient Greek and Roman Culture.—3 s.h.
 DR. McLARTY
114. Seventeenth-Century Philosophy, with Special Reference to Spinoza.
 —3 s.h.* PROFESSOR GILBERT
119. Fundamentals of Christian Morality: An Introduction to Christian
 Ethics.—3 s.h. DR. McLARTY
121. The Philosophy of Plato.—3 s.h. DR. McLARTY

FOR SENIORS AND GRADUATES

- 201-202. The Philosophy of Art.—6 s.h.
 [In alternate years—offered in 1942-43] PROFESSOR GILBERT
203. The Philosophy of Conduct.—3 s.h.* ASSOCIATE PROFESSOR MORGAN
205. The Philosophy of History.—3 s.h.
 [In alternate years—offered in 1942-43] PROFESSOR WIDGERY
208. Political Philosophy.—3 s.h.
 [In alternate years—offered in 1942-43] ASSOCIATE PROFESSOR MORGAN
- 209-210. The Philosophy of Religion.—6 s.h.
 [In alternate years—not offered in 1942-43] PROFESSOR WIDGERY
211. Philosophy of Civilization.—3 s.h. ASSOCIATE PROFESSOR MORGAN
- 213-214. History of Esthetics.—6 s.h.
 [In alternate years—not offered in 1942-43] PROFESSOR GILBERT
215. Christian Ethics I.—3 s.h. Religion 291. PROFESSOR SMITH
216. Christian Ethics II.—3 s.h. PROFESSOR SMITH
217. The Philosophy of Aristotle.*—Prerequisite: course 105.
 DR. McLARTY
224. Contemporary Philosophy.—3 s.h.
 [Not offered in 1942-43] PROFESSOR WIDGERY
226. The History of Ethics.—3 s.h.* ASSOCIATE PROFESSOR MORGAN
 [In alternate years—not offered in 1942-43]
- 231-232. Philosophy of Science.—6 s.h. ASSOCIATE PROFESSOR LEONARD

236. **Oriental Philosophy I.**—3 s.h. ACTING PROFESSOR DUBS
 [In alternate years—not offered in 1942-43]
238. **Oriental Philosophy II.**—3 s.h. PROFESSOR WIDGERY
 [In alternate years—offered in 1942-43]
241. **Logic.**—3 s.h. ASSOCIATE PROFESSOR LEONARD
 [In alternate years—not offered in 1942-43]
242. **Scientific Methodology.**—3 s.h. ASSOCIATE PROFESSOR LEONARD
 [In alternate years—not offered in 1942-43]
244. **Nietzsche and the Nineteenth Century.**—3 s.h. ASSOCIATE PROFESSOR MORGAN
 [In alternate years—offered in 1942-43]
- 245-246. **Philosophical Foundations of Religious Belief.**—6 s.h. ACTING PROFESSOR DUBS
 [In alternate years—offered in 1942-43]
248. **Philosophy of Values.**—3 s.h. ACTING PROFESSOR DUBS
 [In alternate years—offered in 1942-43]

RELATED COURSES IN OTHER DEPARTMENTS

- Education 200. Introduction to the Philosophy of Education.
- Greek 107-108. Plato.—Euripides.
- Greek 209-210. Plato.
- History 221-222. The Age of the Renaissance.
- Mathematics 287. Mathematical Logic.
- Mathematics 288. Foundations of Mathematics.
- Physics 213-214. Contemporary Physics.
- Political Science 223. Political Thought to the Seventeenth Century.
- Political Science 224. Modern Political Theory.
- Psychology 228. Psychology of Belief.

DEPARTMENTAL MAJOR

The student is required to take courses amounting to at least eighteen credit hours in the Department. Of these, six must be Philosophy 105-106, Introduction to the History of Philosophy; and six must be from courses in the 200 series. The student is advised to consult with an instructor in the Department as to the courses most suitable to fit in his general plan of study.

PHYSICS

PROFESSOR NIELSEN, CHAIRMAN; PROFESSOR HATLEY, DIRECTOR OF UNDERGRADUATE STUDIES; ASSISTANT PROFESSOR CARPENTER, SUPERVISOR OF FRESHMAN INSTRUCTION; PROFESSORS EDWARDS, NORDHEIM, SPONER; ASSISTANT PROFESSORS CONSTANT AND MOUZON; DRs. BONNER AND HEBB; AND ASSISTANTS

The courses in physics are designed to meet the needs of three classes of students: (1) those desiring to specialize in physics with a view to work in teaching or investigation; (2) those intending to pursue the study of medicine, biology, or chemistry; (3) those looking forward to the study of engineering. The work of the first year is designed to lay a broad foundation for subsequent study.

An elementary knowledge of the calculus and credit for 12 semester-hours in physics is required in all courses numbered 200 and above.

1-2. **Introductory Physics.**—8 s.h.

ASSISTANT PROFESSOR CARPENTER; PROFESSORS EDWARDS
AND HATLEY; DR. HEBB; AND ASSISTANTS

17-18. **Engineering Physics.**—6 s.h.

ASSISTANT PROFESSOR MOUZON; DRs. BONNER AND HEBB

51-52. **General Physics.**—Prerequisite: Mathematics 7-8 or equivalent.
10 s.h.

PROFESSOR HATLEY; ASSISTANT PROFESSOR CARPENTER; AND DR. BONNER

57-58. **Engineering Physics.**—6 s.h.

ASSISTANT PROFESSOR MOUZON; DRs. BONNER AND HEBB

59-60. **Elementary Atomic Physics.**—Prerequisite: a year course of college physics and the calculus completed or taken concurrently. 6 s.h.

[Not offered in 1942-43]

PROFESSOR NIELSEN

61. **Mechanics.**—Prerequisite: a year course of college physics and the calculus completed or taken concurrently. 3 s.h.

DR. BONNER

62. **Heat.**—Prerequisite: a year course in college physics and the calculus completed or taken concurrently. 3 s.h.

ASSISTANT PROFESSOR CARPENTER

65-66. **Intermediate Physics.**—Prerequisite: Physics 1-2 or its equivalent.
6 s.h.

PROFESSOR EDWARDS

70. **Elementary Electronics.**—Prerequisite: a year in college physics.
3 s.h.

DR. HEBB

103. **Electricity and Magnetism.**—Prerequisite: a year course in college physics and the calculus. 4 s.h.

ASSISTANT PROFESSOR CONSTANT

104. **Electrical Measurements.**—A fundamental course in electrical engineering is a prerequisite. 3 s.h.

PROFESSOR NIELSEN AND ASSISTANT PROFESSOR CONSTANT

106. **Photography.**—Prerequisite: a year course in college physics and the consent of the instructor. 3 s.h.

DR. BONNER

108. **Physical Optics.**—Prerequisite: a year course in college physics and the calculus. 4 s.h.

PROFESSOR HATLEY

211. **History of Physics.**—2 s.h.

PROFESSOR EDWARDS

213-214. **Contemporary Physics.**—6 s.h.

ASSISTANT PROFESSOR CONSTANT

215-216. **Atomic Physics Laboratory.**—2-4 s.h.

PROFESSOR NIELSEN AND ASSISTANT PROFESSOR MOUZON

217-218. **Advanced General Physics Laboratory.**—2 s.h.

PROFESSOR NIELSEN AND ASSISTANT PROFESSOR MOUZON

219. **Electron Tubes and Their Application.**—3 s.h.

DR. HEBB

221-222. **Introduction to Theoretical Physics.**—8 s.h.

ASSISTANT PROFESSOR CONSTANT

225-226. **Elementary Investigations.**—3-6 s.h.

THE STAFF

DEPARTMENTAL MAJOR

A. For the degree of A.B.:

Prerequisites: Physics 1-2 or equivalent, and Mathematics 1-2 or 7-8.

Major Requirements: 18 to 24 hours in courses approved by the Department. (Students who have a considerable number of hours in a closely allied field may, with the approval of the Department, count Physics 51-52 or Physics 57-58 as a major requirement.)

B. For the degree of B.S.:

Prerequisites: Physics 1-2, Chemistry 1-2 and Mathematics 7-8 or equivalent.

Major Requirements: Not less than 24 hours in courses approved by the Department, not less than 6 hours of which must be in the 200 group.

DEPARTMENTAL HONORS PROGRAM

Prerequisites: Physics 1-2, 51-52, or 57-58 and 6 s.h. additional work in physics above the Freshman level; Mathematics 6 s.h. and Chemistry 1-2.

Honors Program: Physics 103, 108, 215-216 and 221-222; Mathematics 51-52 and 131; electives subject to the approval of the Departmental Honors Committee, 25 s.h., or enough to satisfy the requirements for graduation, of which at least 6 s.h. must be either a course in Geology or an advanced course in Chemistry, Botany, Zoology, or Mathematics.

In addition, the student will arrange with his Adviser for the performance of a limited number of elementary physical investigations. This will consist of both readings and experimental work which in general will constitute a survey of the classical and modern aspects of physics for which 10 s.h. credit will be allowed.

At the end of both Junior and Senior years, the student will be given both an oral and a written examination in the field of physics.

POLITICAL SCIENCE

PROFESSOR WILSON, CHAIRMAN; PROFESSOR RANKIN, DIRECTOR OF UNDERGRADUATE STUDIES; ASSISTANT PROFESSOR GIBSON, SUPERVISOR OF FRESHMAN INSTRUCTION; PROFESSOR VON BECKERATH; ASSOCIATE PROFESSORS COLE AND SHIPMAN; ASSISTANT PROFESSOR LINEBARGER; DR. SIMPSON; MESSRS. DIAMOND (PART-TIME) AND HOSACK (PART-TIME)

21. Principles of Government.—3 s.h.

ASSISTANT PROFESSOR GIBSON AND DR. SIMPSON

22. Governmental Problems in International Relations.—3 s.h.

PROFESSOR VON BECKERATH, DR. SIMPSON AND MR. HOSACK

61-62. American Government and Politics.—6 s.h.

PROFESSORS RANKIN AND WILSON; ASSOCIATE PROFESSORS COLE AND SHIPMAN; ASSISTANT PROFESSORS GIBSON AND LINEBARGER; DR. SIMPSON; MR. DIAMOND

Course 61-62 is ordinarily taken before any advanced course in political science. A student who has not had course 61-62 or equivalent work may take an advanced course in the Department with the approval of the instructor giving the advanced course.

111. Contemporary Problems in Far Eastern Politics.—3 s.h.

ASSISTANT PROFESSOR LINEBARGER AND MR. HOSACK

125. American Political Parties and Practical Politics.—3 s.h.

DR. SIMPSON

136. Major European Governments.—3 s.h. ASSOCIATE PROFESSOR COLE
141. Public Regulation.—3 s.h. ASSOCIATE PROFESSOR SHIPMAN
142. Government Regulation in Wartime.—3 s.h.
ASSOCIATE PROFESSOR SHIPMAN
- 151-152. Spanish-American Political Institutions.—6 s.h.
ASSISTANT PROFESSOR GIBSON
172. Government and Agriculture.—3 s.h. PROFESSOR VON BECKERATH
[Not offered in 1942-43]
174. Politics and Economics.—3 s.h. PROFESSOR VON BECKERATH
207. American Constitutional Law and Theory.—3 s.h. PROFESSOR WILSON
209. State and Local Government in the United States.—3 s.h.
PROFESSOR RANKIN
211. Political Institutions of the Far East.—3 s.h.
ASSISTANT PROFESSOR LINEBARGER
212. International Politics of the Far East.—3 s.h.
ASSISTANT PROFESSOR LINEBARGER
223. Political Thought to the Seventeenth Century.—3 s.h.
[Not offered in 1942-43] PROFESSOR WILSON
224. Modern Political Theory.—3 s.h. PROFESSOR WILSON
[Not offered in 1942-43]
- 225-226. Comparative Government.—6 s.h. ASSOCIATE PROFESSOR COLE
- 227-228. International Law.—6 s.h. PROFESSOR WILSON
229. Recent and Contemporary Political Theory.—3 s.h.
ASSOCIATE PROFESSOR COLE
230. American Political Institutions.—3 s.h. PROFESSOR RANKIN
- 241-242. The Administrative Process.—6 s.h.
ASSOCIATE PROFESSOR SHIPMAN
244. Administrative Law.—3 s.h. ASSOCIATE PROFESSOR SHIPMAN
[Not offered in 1942-43]
246. Legislation.—3 s.h. ASSOCIATE PROFESSOR SHIPMAN
252. Spanish-American Constitutionalism.—3 s.h.
ASSISTANT PROFESSOR GIBSON
271. Socio-Politics and Capitalism.—3 s.h. PROFESSOR VON BECKERATH
291. Municipal Government.—3 s.h. PROFESSOR RANKIN
292. Municipal Administration.—3 s.h. PROFESSOR RANKIN
[Not offered in 1942-43]

WORKING COLLECTION OF GOVERNMENT MATERIALS

It is a policy of the Department to gather and classify published and other materials of significance as illustrating actual processes of government. As a step toward the development of a laboratory of government, there has been made available in the University Library a working collection of government

materials for student use both for general reference and in the handling of assigned individual projects.

DEPARTMENTAL MAJOR

Prerequisite: Political Science 61-62.

Major Requirements: Eighteen semester-hours of work in the Department above course 61-62, including at least nine semester-hours in Senior-Graduate courses.

HONORS WORK

Students who plan to take Honors in political science must have Junior standing and must have completed Political Science 61-62 and Economics 51-52 with satisfactory grades. Exceptions may be made in the case of students who are taking Economics 51-52 in their Junior year.

The Honors work will consist of two readings in political science and one in economics. In addition, a thesis will be required. The readings in political science will be given during the second semester of the Junior year and the first semester of the Senior year. The reading in economics may be selected from the offerings in that department. The thesis will be due on May 15 of the Senior year.

A weight of 15 hours will be given the readings and thesis (6-6-3) in political science. The reading in economics will increase the credit total to 21 semester-hours. The normal course load will be three courses each semester after the first semester of the Junior year, when four courses will be required. With the approval of the Departmental Honors Committee, an additional Honors Reading may be taken in a related department, with a corresponding reduction in the course requirements.

Oral or written examinations at the end of each reading and a general oral and written examination at the end of the Senior year will be required.

Honors readings in political science are as follows:

Comparative Government.—The theory and practice of modern European dictatorships and democracies.

ASSOCIATE PROFESSOR COLE

Political Theory.—A consideration of political theory from the French Revolution to the present, with particular reference to American and Far Eastern contributions.

ASSISTANT PROFESSOR LINEBARGER

PSYCHOLOGY

PROFESSOR LUNDHOLM, CHAIRMAN; ASSISTANT PROFESSOR KEMP, DIRECTOR OF UNDERGRADUATE STUDIES; PROFESSOR RHINE; ASSOCIATE PROFESSORS ADAMS AND ZENER; DR. PRATT

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| 91. Introduction to Psychology.—3 s.h. | ASSISTANT PROFESSOR KEMP |
| 96. Applied Psychology.—3 s.h. | ASSISTANT PROFESSOR KEMP |
| 103. Conation and Our Conscious Life.—3 s.h. | PROFESSOR LUNDHOLM |
| 104. Comparative Psychology.—3 s.h.
[Not offered in 1942-43] | ASSOCIATE PROFESSOR ADAMS |
| 106. Abnormal Psychology.—3 s.h. | PROFESSOR LUNDHOLM |
| 109. Introductory Social Psychology.—3 s.h. | ASSOCIATE PROFESSOR ADAMS |
| 111. Advanced General Psychology: Learning, Memory, Perception, Thinking.—3 s.h. | ASSOCIATE PROFESSOR ZENER |
| 112. Advanced General Psychology: Action, Motivation, Emotion.—3 s.h. | ASSOCIATE PROFESSOR ZENER |

114. Psychology of Personality.—3 s.h. PROFESSOR RHINE, DR. PRATT
122. Psychology of Esthetics.—3 s.h. PROFESSOR LUNDHOLM
- *128. Psychology of Belief.—3 sh. PROFESSOR LUNDHOLM
[Not offered in 1942-43]
204. Motivation and Learning.—3 s.h. ASSOCIATE PROFESSOR ZENER
206. Social Psychology.—3 s.h. ASSOCIATE PROFESSOR ADAMS
207. Psychology of Memory, Thinking, Perceiving.—3 s.h.
[Not offered in 1942-43] ASSOCIATE PROFESSOR ZENER
- *209. Experimental Methods in Human Psychology.—4 s.h.
[Not offered in 1942-43] ASSOCIATE PROFESSOR ZENER
212. Physiological Psychology.—3 s.h. ASSISTANT PROFESSOR KEMP
215. Developmental Psychology.—3 s.h. ASSOCIATE PROFESSOR ADAMS
- *223. Abnormal Psychology.—3 s.h. PROFESSOR LUNDHOLM
226. Contemporary Schools of Psychology.—3 s.h.
ASSOCIATE PROFESSOR ZENER
- 231-232. Introduction to Research.—2 or 3 s.h.
PROFESSORS LUNDHOLM AND RHINE, ASSOCIATE PROFESSORS
ADAMS AND ZENER, ASSISTANT PROFESSOR KEMP

DEPARTMENTAL MAJOR

Prerequisites: Psychology 91 and Zoology 1 and 2 or equivalent courses in biology.

Major Requirements: Eighteen semester-hours in psychology in addition to Psychology 91, at least six semester-hours of which must be taken in Senior-Graduate courses.

DEPARTMENTAL HONORS PROGRAM

Departmental Honors in psychology are governed by the general rules covering all Honors programs.

Prerequisite: The minimum requirement for admission to Honors in psychology is the completion of Psychology 91 with a grade of "B" or higher. Completion of Zoology 1-2 is strongly recommended.

Departmental Honors Program:

(a) Honors Readings.—Tutorial work with a member of the Department designated by the Honors Committee. This work shall be counted as the equivalent of three semester-hours in the Junior and six semester-hours in the Senior year.

(b) Courses in Psychology.—At least six courses in the Department in addition to the prerequisite (of which at least three must be of Senior-Graduate level).

(c) Courses in Related Fields.—To complete the total of sixty semester-hours. All courses are to be chosen by consultation with the Departmental Honors Adviser.

(d) At the end of the Senior year.—A final written and oral examination on the fields of psychology chosen, and an experimental or critical paper on a selected problem.

* Limited registration. Admission only after consultation with instructor.

RELIGION

PROFESSOR MYERS, CHAIRMAN AND DIRECTOR OF UNDERGRADUATE STUDIES; ASSISTANT PROFESSOR PETRY, SUPERVISOR OF FRESHMAN INSTRUCTION; PROFESSORS CANNON, ORMOND, ROWE, AND SPENCE; ASSOCIATE PROFESSOR STINE-SPRING; ASSISTANT PROFESSORS CLARK, CRUM, AND OUTLER; DR. LEVER AND MRS. SPENCE

1. The English Bible.—3 s.h.
ASSISTANT PROFESSOR PETRY, PROFESSOR ORMOND, ASSISTANT PROFESSOR CRUM, DR. LEVER AND MRS. SPENCE
2. The English Bible.—3 s.h.
ASSISTANT PROFESSOR PETRY, PROFESSOR MYERS, ASSISTANT PROFESSOR CRUM, DR. LEVER AND MRS. SPENCE
51. The History of the Hebrew People.—3 s.h.
ASSISTANT PROFESSORS CRUM AND OUTLER, AND MRS. SPENCE
52. New Testament Life and Literature.—3 s.h.
PROFESSOR MYERS, ASSISTANT PROFESSORS CRUM AND OUTLER, AND MRS. SPENCE
101. The Social Teachings of the Prophets and Jesus.—3 s.h.
PROFESSOR ORMOND
102. The Christian Church in the Social Order.—3 s.h.
PROFESSOR ORMOND
103. The Prophets of the Old Testament.—3 s.h. PROFESSOR MYERS
104. The History and Religion of the Jews to the Roman Period.—3 s.h.
[Not offered in 1942-43] PROFESSOR MYERS
105. Religion in the Old Testament.—3 s.h. PROFESSOR ROWE
106. Religion in the New Testament.—3 s.h. PROFESSOR ROWE
114. The Life and Teachings of Jesus.—3 s.h. PROFESSOR MYERS
151. Personality and Human Values.—3 s.h. PROFESSOR HART
163. Religious Education of Children.—3 s.h. MRS. SPENCE
167. Contemporary Religious Problems.—3 s.h. PROFESSOR SPENCE
168. Masterpieces of Great Religious Literature.—3 s.h.
(Old number SR.270.) PROFESSOR SPENCE
169. Character Problems.—3 s.h. ASSISTANT PROFESSOR CRUM
170. Religion and the Family.—3 s.h. ASSISTANT PROFESSOR CRUM
181. The Nature and Early Development of Religion.—3 s.h.
PROFESSOR CANNON
182. Living Religions of the World.—3 s.h. (Old number 282.)
PROFESSOR CANNON
191. Fundamentals of Christian Morality: An Introduction to Christian Ethics. 3 s.h. DR. McLARTY
193. A Study of Materials Suitable for Public School Courses in Religion and Ethics. 3 s.h. ASSISTANT PROFESSOR CRUM

201-202. First Hebrew.—6 s.h.	ASSOCIATE PROFESSOR STINESPRING
211-212. Hellenistic Greek.—6 s.h.	ASSISTANT PROFESSOR CLARK
265. Religious Drama.—3 s.h.	PROFESSOR SPENCE
268. Religious Drama Construction and Production.—3 s.h.	PROFESSOR SPENCE

DEPARTMENTAL MAJOR

Prerequisite: Religion 1-2, or 51-52.

Major Requirements: A major in the Department of Religion consists of twenty-four semester-hours of work, exclusive of courses primarily for Freshmen, eighteen semester-hours of which shall be selected with the approval of the instructor under whose supervision the student does his major work.

DEPARTMENTAL HONORS PROGRAM*General Rules:*

I. The Departmental Honors Program constitutes the work of the Honors student during the Junior and Senior years. This program shall be the equivalent of sixty semester-hours of work.

II. The minimum amount of work that may be taken in the Department of Religion shall be the equivalent of twenty-four semester-hours, and the maximum shall be the equivalent of thirty-six semester-hours. Of this, the work done in the Honors tutorials shall count fifteen hours, six hours for the Junior year, six hours for the Senior year, and three hours for the comprehensive examination at the end of the Senior year.

III. The related work, which shall constitute at least two fifths of the Honors program, that is, the equivalent of twenty-four semester-hours, must be distributed among not less than two departments, unless the departmental committee gives special permission for the student to take his related work in one department.

Prerequisite:

The minimum requirement for admission to Honors in Religion is the completion of a course in Religion during the Sophomore year on which the student makes at least a grade of "B."

Normal Program:

The normal program for the Honors student in the Junior year shall consist of the Honors tutorial, two courses in the Department of Religion, and two courses in related departments; in the Senior year the work shall consist of the Honors tutorial, one and one-half courses in Religion, and two in related departments.

General Honors Examinations:

Two comprehensive written examinations and a supplementary oral examination will be held at the end of the Senior year to test the student's knowledge of the special field in which he has done his honors work.

ROMANCE LANGUAGES

PROFESSOR WEBB, CHAIRMAN AND DIRECTOR OF UNDERGRADUATE STUDIES; ASSISTANT PROFESSOR DAVIS, SUPERVISOR OF FRESHMAN INSTRUCTION IN FRENCH; ASSISTANT PROFESSOR HASBROUCK, SUPERVISOR OF FRESHMAN INSTRUCTION IN SPANISH; PROFESSORS COWPER AND JORDAN; ASSOCIATE PROFESSORS LUNDEBERG AND WALTON; ASSISTANT PROFESSORS BRIDGERS, QUINN, RAYMOND, REID, AND YOUNG; DR. DOW, MME. DOW, MISS CARTER, MR. PRATT; AND ASSISTANTS

FRENCH

1-2. Elementary French.—6 s.h.

PROFESSOR WEBB, DR. DOW, AND MRS. HARRISON

3-4. **French Prose.**—Prerequisites: French 1 and 2, or two years of high-school French. 6 s.h.

PROFESSORS COWPER AND JORDAN, ASSOCIATE PROFESSOR WALTON,
ASSISTANT PROFESSORS DAVIS AND RAYMOND
DR. DOW AND MME. DOW

51-52. **Introduction to French Literature.**—Prerequisite: French 3 and 4 or equivalent. 6 s.h.

PROFESSORS COWPER AND JORDAN; ASSOCIATE PROFESSOR WALTON;
ASSISTANT PROFESSORS BRIDGERS, RAYMOND, AND
YOUNG; DR. DOW

57-58. **Introduction to French Literature.**—Prerequisites: French 3 and 4 or equivalent. 6 s.h.

PROFESSOR WEBB

Students will take course 51-52 or 57-58. They will not take both 51 and 57 or 52 and 58. Total credit in these courses is limited to six semester-hours. They are the basic prerequisites to all higher courses.

55. **Exercises in Spoken French.**—1 s.h. MME. LINIÈRE DOW

56. **Exercises in Spoken French.**—1 s.h. MME. LINIÈRE DOW

107. **French Composition.**—3 s.h.
PROFESSOR COWPER AND ASSISTANT PROFESSOR RAYMOND

108. **The French Romantic Movement.**—3 s.h.
PROFESSOR COWPER AND ASSISTANT PROFESSOR RAYMOND

110. **Poems of Victor Hugo.**—3 s.h. DR. DOW

111. **French Drama since 1850.**—3 s.h. ASSISTANT PROFESSOR YOUNG

112. **French Drama since 1850.**—3 s.h. ASSISTANT PROFESSOR YOUNG

115. **Masterpieces of Balzac: The Romance of Realism.**—3 s.h.
ASSISTANT PROFESSOR BRIDGERS

127. **Advanced French Composition.**—Prerequisite: French 107 or equivalent. 3 s.h. MME. LINIÈRE DOW

128. **Advanced French Composition.**—Prerequisite: French 107 or equivalent. 3 s.h. MME. LINIÈRE DOW

213. **French Classicism.**—3 s.h. ASSOCIATE PROFESSOR WALTON

214. **French Classicism.**—3 s.h. ASSOCIATE PROFESSOR WALTON

215-216. **The Modern French Novel.**—6 s.h. PROFESSOR JORDAN

217. **French Phonetics.**—Prerequisite: 3 s.h. from courses 107 or 127-128. 3 s.h. PROFESSOR WEBB

218. **Materials and Methods.**—Prerequisites: for French, 107; or for Spanish, 65-66. 3 s.h. PROFESSOR WEBB

219. **Old French.**—3 s.h. PROFESSOR COWPER

220. **Old French.**—3 s.h. PROFESSOR COWPER

227. **French Poetry since Théophile Gautier.**—3 s.h.
[Not offered in 1942-43] ASSOCIATE PROFESSOR WALTON

232. Rousseau and the Beginnings of Romanticism.—3 s.h.
[Not offered in 1942-43] PROFESSOR COWPER
233. Main Currents of Modern French Literature.—3 s.h.
[Not offered in 1942-43] PROFESSOR WEBB

ITALIAN

- 181-182. Italian.—6 s.h. PROFESSOR WEBB

ROMANCE LITERATURE IN TRANSLATION

- 191-192. Masterpieces of Romance Literature in English Translation.—
6 s.h. ASSISTANT PROFESSOR HASBROUCK

SPANISH

- 1-2. Elementary Spanish.—6 s.h.
ASSISTANT PROFESSORS DAVIS, HASBROUCK, AND YOUNG;
DR. DOW, MR. PRATT, AND MISS CARTER
- 3-4. Intermediate Spanish.—Prerequisites: Spanish 1-2 or two years of
high-school Spanish. 6 s.h.
ASSOCIATE PROFESSOR LUNDEBERG; ASSISTANT PROFESSORS BRIDGERS,
HASBROUCK, AND REID; MR. PRATT AND MISS CARTER
65. Introduction to Modern Spanish Literature.—Prerequisites: Spanish
3-4 or equivalent. 3 s.h. ASSOCIATE PROFESSOR LUNDEBERG; ASSISTANT
PROFESSORS HASBROUCK, REID, AND DAVIS
66. Introduction to Spanish Literature of the Golden Age.—Prerequisites:
Spanish 65 or equivalent. 3 s.h.
ASSISTANT PROFESSORS HASBROUCK, REID, AND DAVIS
Spanish 65-66 are the basic prerequisites to all higher courses.
71. Exercises in Spoken Spanish.—Prerequisites: completion of Spanish
4 or equivalent and approval of instructor. 1 s.h.
ASSISTANT PROFESSOR REID AND MISS CARTER
72. Exercises in Spoken Spanish.—1 s.h.
ASSISTANT PROFESSOR REID AND MISS CARTER
- 155-156. Survey of Spanish-American Literature.—Prerequisites: Spanish
65-66 or special permission. 6 s.h. ASSISTANT PROFESSOR REID
- 157-158. The Modern Spanish Theater.—Prerequisites: Spanish 65-66 or
3-4 with permission. 6 s.h. ASSISTANT PROFESSOR HASBROUCK
[Not offered in 1942-43]
253. Spanish Phonetics.—Prerequisites: Spanish 65-66. 3 s.h.
ASSOCIATE PROFESSOR LUNDEBERG
- 255-256. Studies in Spanish-American Literature.—6 s.h.
[Not offered in 1942-43] ASSISTANT PROFESSOR REID
257. The Modern Spanish Critical Essay.—3 s.h.
ASSISTANT PROFESSOR HASBROUCK
258. Landmarks of Medieval and Renaissance Literature.—3 s.h.
ASSISTANT PROFESSOR DAVIS
260. Advanced Syntax and Composition.—Prerequisites: Spanish 65-66.
3 s.h. ASSISTANT PROFESSOR HASBROUCK

261-262. **The Modern Spanish Novel.**—Prerequisites: 6 s.h. from courses 155 to 158 inclusive, or 65-66 with permission. 6 s.h.

ASSOCIATE PROFESSOR LUNDEBERG

265. **Golden Age Literature: Cervantes.**—Prerequisites: 6 s.h. from courses 155 to 158 inclusive, or 65-66 with permission. 3 s.h.

[Not offered in 1942-43]

ASSOCIATE PROFESSOR LUNDEBERG

266. **Golden Age Literature: The Don Juan Theme.**—Prerequisites: 6 s.h. from courses 155 to 158 inclusive, or 65-66 with permission. 3 s.h.

[Not offered in 1942-43]

ASSOCIATE PROFESSOR LUNDEBERG

DEPARTMENTAL MAJOR

Prerequisites: French 1-2, 3-4, or equivalent, for French. Spanish 1-2, 3-4, or equivalent, for Spanish.

Major Requirements: In French, twenty-four semester-hours of work must be completed in courses above the Freshman level, and must include: (a) six semester-hours from the group 107, 127-128, 217; (b) six semester-hours of literature in courses numbered 213 to 233.

In Spanish, twenty-four semester-hours must be completed as follows: twelve semester-hours in the courses 65-66, 155-156, 157-158; twelve semester-hours from the group 253-266.

Students desiring the recommendation of the Department for the teaching of French or Spanish will take in addition course 218.

DEPARTMENTAL HONORS PROGRAM

Prerequisites: Completion of 51-52 or 57-58 by the end of Sophomore year in a manner satisfactory to the Departmental Committee.

Honors work in French includes:

(a) Training in the use of written and oral French; composition, résumé, and literary commentary in French. 3 s.h. each semester of Junior and Senior years, total 12 s.h.

(b) Readings in French literature.

(1) Survey of chief authors. 3 s.h. each semester or 12 s.h.

(2) Genre studies beginning with the modern novel. 3 s.h. each semester or 12 s.h.

(c) Comprehensive examination.

(d) Related work: 24 s.h.

SOCIOLOGY AND ANTHROPOLOGY

PROFESSOR ELLWOOD, CHAIRMAN; PROFESSOR JENSEN, DIRECTOR OF UNDERGRADUATE STUDIES; PROFESSOR HART; ASSOCIATE PROFESSORS GILLIN AND THOMPSON

91-92. **General Sociology.**—6 s.h.

PROFESSOR JENSEN; ASSOCIATE PROFESSOR GILLIN

101. **General Sociology.**—This course is repeated each semester and it, or its equivalent course 91-92 or course 131-132, is prerequisite to all other courses in sociology. 5 s.h.

PROFESSOR ELLWOOD

102. **General Sociology.**—5 s.h.

109. **Sociology of the South.**—Prerequisite: course 91-92, 101 or 131-132. 3 s.h.

ASSOCIATE PROFESSOR THOMPSON

111. **Introduction to Child Welfare.**—Prerequisite: course 91-92, 101 or 131-132. 3 s.h.

PROFESSOR JENSEN

114. Race Relations.—Prerequisite: course 91-92, 101 or 131-132. 3 s.h.
ASSOCIATE PROFESSOR THOMPSON
122. Personality and Culture.—Prerequisite: Sociology 91-92, 101 or 131-132. 3 s.h.
PROFESSOR HART
131. General Anthropology.—3 s.h. ASSOCIATE PROFESSOR GILLIN
132. Cultural Anthropology.—Prerequisite: course 91-92, 101 or 131-132. 3 s.h.
ASSOCIATE PROFESSOR GILLIN
205. Social Pathology.—Prerequisite: course 91-92, 101 or 131-132. 3 s.h.
PROFESSOR JENSEN
206. Criminology.—Prerequisite: course 91-92, 101 or 131-132. 3 s.h.
PROFESSOR JENSEN
212. Child Welfare.—Prerequisite: course 91-92, 101 or 131-132. 3 s.h.
PROFESSOR JENSEN
213. Constructive Social Policies.—Prerequisite: course 91-92, 101 or 131-132. 2 s.h.
PROFESSOR JENSEN
[Not offered in 1942-43]
215. Rural Sociology.—Prerequisite: course 91-92, 101 or 131-132. 3 s.h.
ASSOCIATE PROFESSOR THOMPSON
216. Urban Sociology.—Prerequisite: course 91-92, 101 or 131-132. 3 s.h.
ASSOCIATE PROFESSOR THOMPSON
217. Race and Culture.—Prerequisite: course 91-92, 101 or 131-132. 3 s.h.
ASSOCIATE PROFESSOR THOMPSON
225. Statistical Methods in Sociology.—Prerequisite: course 91-92, 101 or 131-132. 3 s.h.
PROFESSOR HART
227. Emigration and Immigration.—Prerequisite: course 91-92, 101 or 131-132. 3 s.h.
PROFESSOR JENSEN
[Not offered in 1942-43]
236. Social Ethics.—3 s.h. PROFESSOR HART
237. Indians of North America.—Prerequisite: course 131. 3 s.h.
ASSOCIATE PROFESSOR GILLIN
238. Anthropological Backgrounds of Latin America.—Prerequisite: course 131. 3 s.h.
ASSOCIATE PROFESSOR GILLIN
239. Acculturation and Cultural Synthesis.—Prerequisite: course 131. 3 s.h.
ASSOCIATE PROFESSOR GILLIN
[Not offered in 1942-43]
240. The Peoples of Africa.—Prerequisite: course 131. 3 s.h.
[Not offered in 1942-43] ASSOCIATE PROFESSOR GILLIN
242. Marriage and the Family.—3 s.h. PROFESSOR HART
251. Special Problems in Social Pathology.—Prerequisite: course 205 or its equivalent. 1 to 3 s.h.
PROFESSOR JENSEN
252. Education and Social Control.—Prerequisite: course 91-92, 101 or 131-132. 2 s.h.
PROFESSOR ELLWOOD
281. Public Opinion.—3 s.h. PROFESSOR JENSEN
[Not offered in 1942-43]

299. Marriage and Family Counseling.—Prerequisite: course 91-92, 101 or 131-132. 2 s.h. PROFESSOR HART

DEPARTMENTAL MAJOR

Students desiring to take a major in sociology are required to complete course 91-92 or 101 or 102 or 131-132 and twelve additional hours in the Department, at least six of which must be from courses numbered 200 or over.

ZOOLOGY

ASSOCIATE PROFESSOR GRAY, CHAIRMAN AND DIRECTOR OF UNDERGRADUATE STUDIES; ASSISTANT PROFESSOR BOOKHOUT, SUPERVISOR OF FRESHMAN INSTRUCTION; ASSISTANT PROFESSOR JEFFERS, SUPERVISOR OF FRESHMAN INSTRUCTION (WOMAN'S COLLEGE); PROFESSORS CUNNINGHAM, HALL, HARGITT, PEARSE; ASSISTANT PROFESSOR JOHNSON; DRs. CULBRETH, EVANS, WHARTON, WILSON; AND ASSISTANTS

1. General Zoology.—4 s.h.

ASSISTANT PROFESSORS BOOKHOUT, JEFFERS, AND JOHNSON;
DRs. EVANS AND WILSON; AND ASSISTANTS

2. Animal Biology.—Prerequisite: Zoology 1. 4 s.h.

ASSOCIATE PROFESSOR GRAY, ASSISTANT PROFESSORS BOOKHOUT AND JEFFERS, DRs. EVANS AND WILSON, AND ASSISTANTS

53. Comparative Vertebrate Anatomy.—Prerequisites: Zoology 1 and 2. 4 s.h. ASSOCIATE PROFESSOR GRAY AND DR. EVANS

92. General Embryology.—Prerequisite: Zoology 53. 4 s.h.

PROFESSOR CUNNINGHAM; ASSISTANT
PROFESSORS JEFFERS AND JOHNSON

109. Evolution.—Prerequisite: two years of zoology. 2 s.h.

ASSISTANT PROFESSOR JOHNSON

110. Introduction to Genetics.—Prerequisite: one year of zoology. 2 s.h.

ASSISTANT PROFESSOR JOHNSON

151. Comparative Physiology.—Prerequisite: Zoology 53. 4 s.h.

PROFESSOR HALL AND DR. WILSON

156. Vertebrate Histology.—Prerequisite: Zoology 53. 4 s.h.

PROFESSOR HARGITT

161. Animal Parasites.—Prerequisite: one year of zoology. 4 s.h.

PROFESSOR PEARSE

FOR SENIORS AND GRADUATES

204. Advanced Parasitology.—Prerequisite: Zoology 161. 4 s.h.

PROFESSOR PEARSE

219-220. Special Problems.—Not more than 4 s.h.

STAFF

222. Entomology.—Prerequisite: one year of zoology. 4 s.h.

ASSOCIATE PROFESSOR GRAY

224. Vertebrate Zoology.—Prerequisite: Zoology 53. 4 s.h.

ASSOCIATE PROFESSOR GRAY

229. Endocrinology.—Prerequisites: Zoology 53 and 92. 4 s.h.

PROFESSOR CUNNINGHAM

256. Seminar: Current Developments in Physiological Zoology.—Pre-requisite: Zoology 151. 2 s.h. PROFESSOR HALL

274. Invertebrate Zoology.—Prerequisites: Zoology 1 and 2. 4 s.h.
[Not offered in 1942-43] ASSISTANT PROFESSOR BOOKHOUT

276. Protozoology.—Prerequisites: Zoology 1 and 2. 4 s.h.
ASSISTANT PROFESSOR BOOKHOUT

**RELATED COURSES ONE OF WHICH MAY BE COUNTED TOWARD
A MAJOR IN ZOOLOGY**

Botany 101. Principles of Heredity.—3 or 4 s.h.
ASSISTANT PROFESSOR PERRY

Botany 103. General Bacteriology.—4 s.h. PROFESSOR WOLF

Botany 202. Genetics.—4 s.h. ASSISTANT PROFESSOR PERRY

DEPARTMENTAL MAJOR

Prerequisites: Zoology 1 and 2.

Major Requirements: Twenty-four semester-hours including courses 53, 92, 151. The remaining twelve hours may be from any other courses for which the student is eligible.

DEPARTMENTAL HONORS PROGRAM

For admission to candidacy for Honors in zoology a student is expected to have completed zoology courses 1, 2, 53, 92 and not less than eight semester-hours of chemistry.

Honors work consists of regular courses and independent study; the program, however, will not be the same for all students. Zoology 151 is required of all zoology majors; the number and nature of other courses to be taken in zoology and in related subjects will depend upon the needs and interests of the student. The usual number of semester courses will be four to six in zoology and six in other subjects in the Natural Science Group.

In addition to regular courses each student shall read in such fields as history of biology and zoological theories, or in special fields, and shall undertake a special research problem under the direction of some member of the Staff whom the student may select. The student may be asked to prepare written reports on his readings and must present a written report on his research problem. Readings and problem count for nine to twelve semester-hours.

At the end of the Junior year an examination will be given to test the student's ability to correlate material and to determine his fitness to continue in the Honors Group. At the end of the Senior year a general comprehensive examination covering the entire field of study must be passed.

THE COLLEGE OF ENGINEERING

ADMISSION

Admission to the College of Engineering of Duke University is on a selective basis, dependent upon the ability, attainments, and character of the applicant. No student is admitted until the Council on Admissions has received for him a scholastic record from school or college, a certificate of vaccination and of good health, and satisfactory evidence of good character and ability. Prospective students and relatives are invited to visit the University and the College of Engineering in particular. This would be advantageous to the applicant since it would enable him to acquaint himself with the facilities of the University, and to discuss possible courses of study.

Certain days are announced in the University Calendar each year for the registration, classification, and sectioning of students. Those students who are admitted later than the dates announced must pay to the Treasurer \$5.00 additional for the privilege of matriculation.

An applicant for admission to the Freshman Class in engineering must have completed at least fifteen units of preparatory work, partly in required and partly in elective subjects. A unit represents a year of work in a subject in an accredited secondary school, provided the work done in that subject is approximately one fourth of the annual amount of work regularly required in the school.

The subjects in which this credit may be offered and the maximum amount of credit acceptable in each subject are given in the following table:

	UNITS		UNITS
English	4	Botany	1
Latin	4	Zoology	1
Greek	3	General Biology	1
German	3	Physical Geography	1
French	3	General Science	1
Spanish	3	Agriculture	2
Mathematics	4	Mechanical Drawing	2
History and Civics	4	Woodwork, Forging, and Machine Work	2
Physics	1	Household Economics	2
Chemistry	1	Commercial Subjects	3

For a detailed explanation of the units in the table above, see the definitions as set forth by the Southern Association of Colleges and Secondary Schools and other regional associations.

ADMISSION BY CERTIFICATE

Applicants able to submit certificates of proficiency from accredited schools in subjects accepted for admission to the Freshman Class will be

admitted without examination. These certificates must be properly made out on the regular blanks furnished by the University, signed by the principal of the school from which the applicant comes, and presented before or at the opening of the academic year. The applicant must have completed the course of the school from which he comes.

At least nine and one half of the fifteen units required for admission must come from the following:

Required Units

English	3 units
A Foreign Language	2 units
*Science	1 unit
History	1 unit
**Algebra	1½ or 2 units
Plane Geometry	1 unit

Elective Units

In addition to the above required units, sufficient elective units must be offered to make a total of fifteen. It is recommended that these electives be chosen from the following list:

Algebra	½ unit
Solid Geometry	½ unit
Trigonometry	½ unit
†German or French or Latin or Spanish or Greek	1 to 4 units
History or Civics (not the required unit)	1 to 3 units
Physics or Chemistry or Biology (not the required unit)	1 to 3 units

ADMISSION BY EXAMINATION

Students who present fifteen units for admission from schools not accredited by the University, and students who present the proper units but whose grades are not acceptable, are required to validate their units by entrance examinations in English and in mathematics and such other tests as the University may prescribe, including the test required by the North Carolina College Conference.

Students who have not the required units in English or in mathematics but who are otherwise acceptable must, before admission, clear this deficiency by entrance examinations.

ADMISSION TO ADVANCED STANDING

Students may be admitted to advanced standing from other approved institutions under the following conditions: all applicants must have fulfilled the equivalent of the requirements for admission to the Freshman

* Wherever possible, physics or chemistry should be offered for this requirement.

** Examination required to validate offering.

† One elective unit in any of the above languages will be accepted for admission provided the language requirement has been satisfied without it. As many as four units will be accepted in any one of these languages.

Class, must present official certificates of all work done in other institutions, and have honorable dismissal from the institutions they previously attended.

Applicants for advanced standing should present, so far as possible, subjects corresponding to those required at Duke University. Students admitted to advanced standing may not during their first semester elect more than the minimum number of hours required of the class which they enter except by permission of the Dean. Further, in addition to other requirements, a minimum of one full year in residence at Duke University with the satisfactory completion of at least thirty semester-hours of work approved for Seniors, with an average grade of "C," is required of all candidates for the Bachelor's degree.

Students who have transferred from other colleges must, in order to make their provisional classification final, pass during their first year of residence not less than the equivalent of four year-courses with an average grade of "C" or higher.

The date for the registration and classification of students with advanced standing from other institutions is announced in the University Calendar. Students who are admitted later than this date are required to pay to the Treasurer \$5.00 additional for the privilege of matriculating.

FRESHMAN WEEK

The week immediately preceding the opening of College is set aside for the induction of Freshmen. During this period health examinations, psychological tests, and placement tests are given, on the basis of which Freshmen are sectioned in English and mathematics. The Freshmen are divided into groups for instruction in the use of the Library, in the regulations of the student body, and in all matters pertaining to the adjustment of the individual to a new environment. Attendance upon these exercises is required of all Freshmen.

SPECIAL STUDENTS

Students of mature age not fully prepared to enter the Freshman Class may be admitted as special students and allowed to enroll for such work as they are prepared to carry. Further, they are required to take fifteen hours of classwork a week.

FEES AND EXPENSES

Information as to fees and expenses and room accommodations applicable to the College of Engineering is given, along with similar information for Trinity College and the Woman's College, elsewhere in this catalogue, under Fees and Expenses.

REQUIREMENTS FOR THE DEGREE OF BACHELOR OF SCIENCE IN CIVIL, ELECTRICAL, OR MECHANICAL ENGINEERING

GENERAL STATEMENT

The studies for the degree of Bachelor of Science in Civil, Electrical, or Mechanical Engineering are designed for students who are preparing for civil, electrical, and mechanical or aeronautical engineering as a profession and lead to the following degrees: B.S. in C.E., B.S. in E.E., and B.S. in M.E.

Each of these degrees requires one hundred and thirty-eight semester-hours of work of which one hundred and twenty-two must be completed with an average grade of "C." Six semester-hours of electives must be taken in the Department of Economics or of Political Science. If a foreign language is elected, it must be taken two years unless a student has sufficient entrance credits to enable him to pursue a more advanced course.

Prospective students should note that immediately after the final examinations in May or June a three-weeks course in surveying is given under the direction of the Summer Session. This course is required of all civil engineering students at the end of their Freshman year and is required of all other engineering students before graduation.

GROUPS OF STUDIES FOR THE DEGREE OF BACHELOR OF SCIENCE IN CIVIL, ELECTRICAL, OR MECHANICAL ENGINEERING

GROUP I

CIVIL ENGINEERING

Freshman Year

FIRST SEMESTER	S.H.		S.H.
Mathematics 9	5	Mathematics 10	5
Chemistry 1	4	Chemistry 2	4
English 1	3	English 2	3
Physics 17	3	Physics 18	3
Drawing 1	2	Drawing 2	2
Physical Education	—	Physical Education	—
	17		17

Three weeks of Surveying S60 in summer, credit 3 semester-hours.

Sophomore Year

Mathematics 59	4	Mathematics 60	4
Physics 57	3	Physics 58	3
Economics 51	3	Economics 52	3
Statics, G.E. 57	3	Kinetics, G.E. 58	3
Surveying 61	2	C.E. Drawing 70	2
Route Survey 63	2	Route Survey 64	2
Physical Education	—	Physical Education	—
	17		17

Junior Year

Strength of Materials 107	3	Hydraulics 128	3
Structures 131	4	Structures 132	4
Highways 115	3	Materials 118	3
Electrical Engg. 153	3	Electrical Engg. 154	3
Elective	3	Elective	3
	<hr/>		<hr/>
	16		16

Senior Year

Sanitary Engg. 123	4	Sanitary Engg. 124	3
Concrete 133	3	Concrete 134	3
Soils-Foundations 135	3	Railroads 116	2
Mechanical Engg. 103	3	Astronomy-Navig. 112	3
M.E. Laboratory 115	1	Mechanical Engg. 104	3
Elective	3	M.E. Laboratory 116	1
		Elective	3
	<hr/>		<hr/>
	17		18

GROUP II**ELECTRICAL ENGINEERING***Freshman Year*

FIRST SEMESTER	S.H.	SECOND SEMESTER	S.H.
Mathematics 9	5	Mathematics 10	5
Chemistry 1	4	Chemistry 2	4
English 1	3	English 2	3
Physics 17	3	Physics 18	3
Drawing 1	2	Drawing 2	2
Physical Education		Physical Education	
	<hr/>		<hr/>
	17		17

Three weeks of Surveying S60 in summer, credit 3 semester-hours.

Sophomore Year

Mathematics 59	4	Mathematics 60	4
Physics 57	3	Physics 58	3
Statics 57	3	Kinetics-Mechanism 52	4
Electrical Engineering 51	3	Electrical Engineering 52	3
Economics 51	3	Economics 52	3
Steam Engineering 55	2	Physical Education	
Physical Education			
	<hr/>		<hr/>
	18		17

Junior Year

Theory of D. C. Circuits 151	4	Theory of A. C. Circuits 152	3
Hydraulics 128	3	Strength of Materials 107-109	4
Electrical Circuits Lab. 161	1	Electrical Circuits Lab. 162	1
Heat Power Engineering 103	3	Heat Power Engineering 104	3
Differential Equations 131	3	Electrical Measurements 104	3
Mechanical Engineering Laboratory 115	1	Mechanical Engineering Laboratory 116	1
	<hr/>		<hr/>
	15		15

Senior Year

A. C. Machinery 257	3	A. C. Machinery 258	3
Electric Power Trans. 159	3	Electric Power Stations 158	2
Communication 261	3	Communication 262	4
D. C. Machinery 155	2	Seminar 166	1
Electrical Machinery		Electrical Machinery	
Laboratory 163	1	Laboratory 164	1
Seminar 165	1	Electives	6
Electives	6		
	<hr/>		<hr/>
	19		17

GROUP III

MECHANICAL ENGINEERING

Freshman Year

FIRST SEMESTER

SECOND SEMESTER

	S.H.		S.H.
Mathematics 9	5	Mathematics 10	5
Chemistry 1	4	Chemistry 2	4
English 1	3	English 2	3
Physics 17	3	Physics 18	3
Drawing 1	2	Drawing 2	2
Physical Education		Physical Education	
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	17		17

Three weeks of Surveying S60 in summer, credit 3 semester-hours.

Sophomore Year

Mathematics 59	4	Mathematics 60	4
Physics 57	3	Physics 58	3
Statics, G.E. 57	3	Kinetics-Mechanism 54	5
Const. Processes 51	3	Steam Engineering 55	2
Economics 51	3	Economics 52	3
Physical Education		Physical Education	
	<hr/>		<hr/>
	16		17

Junior Year

Fluid Mechanics 105	3	Machine Design 150	3
Str. of Materials 107-109	4	Aeronautics 108	3
Electrical Engg. 153	3	Electrical Engg. 154	3
Thermodynamics 101	3	Thermodynamics 102	3
M.E. Lab. 113	1	M.E. Lab. 114	2
Elective	3	Elective	3
	<hr/>		<hr/>
	17		17

Senior Year

<i>Mechanical Option</i>		Industrial Engg. 158	3
Machine Design 151	3	Power Plants 162	3
Int. Comb. Eng. 155	3	Refrigeration 154	3
Heating and Air Cond. 153	3	M.E. Lab. 160	2
M.E. Lab. 159	2	Seminar 200	1
Seminar 199	1	Electives	5
Electives	5		
	<hr/>		<hr/>
	17		17

*Senior Year**Aeronautics Option*

Machine Design 151	3	Industrial Engg. 158	3
Int. Comb. Eng. 155	3	Airplane Design 172	3
Airplane Design 171	3	Airplane Engines 156	3
Aerodynamics 173	2	Aerodynamics 174	2
M.E. Lab. 159	2	Aeronautics Lab. 176	2
Seminar 199	1	Seminar 200	1
Elective	3	Elective	3
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	17		17

COURSES OF INSTRUCTION, COLLEGE OF ENGINEERING

NOTE: Courses primarily for Freshmen and Sophomores are numbered from 1 to 99; those primarily for Juniors and Seniors from 100 to 199; those primarily for Seniors and graduates from 200 to 299. The amount of credit for each course is given in semester hours following the description of the course.

Odd-numbered courses are offered in the fall semester and even-numbered courses are offered in the spring semester. Double numbers indicate that the course is a year course and must be continued throughout the year if credit is received.

This is a condensed description of courses. For a full description, see the *Bulletin of the College of Engineering*.

GENERAL ENGINEERING

PROFESSOR HALL, DEAN; PROFESSOR BIRD, CHAIRMAN CIVIL ENGINEERING; PROFESSOR SEELEY, CHAIRMAN ELECTRICAL ENGINEERING; PROFESSOR WILBUR, CHAIRMAN MECHANICAL ENGINEERING; ASSISTANT PROFESSORS CHAPMAN, LEWIS, MEIER, REED, AND WATSON; MESSRS. HOFFER, KRAYBILL, THEISS, VAIL, AND WILLIAMS

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|--|--|
| 1-2. Engineering Drawing.—4 s.h. | ASSISTANT PROFESSOR LEWIS |
| 5. Descriptive Geometry.—2 s.h. | ASSISTANT PROFESSOR LEWIS |
| 52. Technical Drawing.—3 s.h. | PROFESSOR HALL AND ASSISTANT PROFESSOR LEWIS |
| 57. Statics.—Prerequisites: courses G.E. 1-2, Mathematics 9 and 10. 3 s.h. | STAFF |
| 58. Kinetics.—Prerequisites: courses G.E. 57, and Mathematics 59. 3 s.h. | STAFF |
| 107. Strength of Materials.—Prerequisite: course 57. 3 s.h. | STAFF |
| 109. Strength of Materials Laboratory.—1 s.h. | STAFF |
| 128. Hydraulics.—Prerequisite: course 57. 3 s.h. | STAFF |

CIVIL ENGINEERING

PROFESSORS BIRD AND HALL; ASSISTANT PROFESSOR WATSON;
MR. WILLIAMS

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|--|----------------------------|
| S60. Plane Surveying.—Prerequisite: G.E. 1 and trigonometry. 3 s.h. | STAFF |
| 61. Higher Surveying.—Prerequisite: course S60. 2 s.h. | MR. WILLIAMS |
| 112. Practical Astronomy and Navigation.—Prerequisite: S60 or with the consent of the instructor. 3 s.h. | PROFESSOR BIRD |
| 63-64. Route Surveying.—Prerequisite: course S60. 4 s.h. | ASSISTANT PROFESSOR WATSON |
| 70. Civil Engineering Drawing.—Prerequisite: course G.E. 1-2. 2 s.h. | PROFESSOR BIRD |

115. Highway Engineering.—3 s.h. PROFESSOR HALL
116. Railroad Engineering.—Prerequisite: course 63-64, or concurrent.
2 s.h. ASSISTANT PROFESSOR WATSON
118. Materials of Engineering.—Prerequisite: course G.E. 107 or concurrent. 3 s.h. MR. WILLIAMS
- 123-124. Sanitary Engineering.—Prerequisite: course G.E. 128. 7 s.h.
PROFESSOR HALL
131. Steel Structures—Stresses.—Prerequisite: course G.E. 57. 4 s.h.
PROFESSOR BIRD
132. Steel Structures—Design.—Prerequisites: courses G.E. 107 and 131.
4 s.h. PROFESSOR BIRD
133. Reinforced Concrete.—Prerequisite: course G.E. 107. 3 s.h.
PROFESSOR BIRD
134. Advanced Reinforced Concrete.—Prerequisites: courses 133 and 135.
3 s.h. PROFESSOR BIRD
135. Soils and Foundations.—Prerequisite: course G.E. 107. 3 s.h.
ASSISTANT PROFESSOR WATSON
- 137-138. Seminar.—2 s.h. STAFF
- 143-144. Projects in Civil Engineering.—3-6 s.h. STAFF
240. Indeterminate Structures.—Prerequisites: course 131 and ability to read French or German. 3 s.h. PROFESSOR BIRD

ELECTRICAL ENGINEERING

PROFESSOR SEELEY; ASSISTANT PROFESSOR MEIER;
MESSRS. KRAYBILL AND VAIL

- 51-52. Survey of Electrical Engineering.—Prerequisites: Freshman mathematics and concurrent physics. 6. s.h. ASSISTANT PROFESSOR MEIER
151. Theory of Direct Current Circuits.—Prerequisites: course 51-52, Physics 57-58, Mathematics 59, 60. 4 s.h. MR. VAIL
152. Theory of Alternating Current Circuits.—Prerequisites: course 151, Mathematics 131. 3 s.h. MR. VAIL
- 153-154. Principles of Electrical Engineering.—Prerequisite: Physics 57-58. 6 s.h. MESSRS. KRAYBILL AND VAIL
155. Direct Current Machinery.—Prerequisites: courses 151, 161-162. 2 s.h. ASSISTANT PROFESSOR MEIER
156. Electric Transportation.—Prerequisites: courses 151, 152, 161-162, or 153-154. 3 s.h. MR. KRAYBILL
158. Electric-Power Stations.—Prerequisites: courses 151, 152, and M.E. 103-104. 2 s.h. MR. VAIL
159. Electric-Power Transmission.—Prerequisites: courses 151, 152. 3 s.h. PROFESSOR SEELEY
- 161-162. Electrical Circuits Laboratory.—2 s.h. PROFESSOR SEELEY, MR. VAIL

- 163-164. Electrical Machinery Laboratory.—2 s.h.
ASSISTANT PROFESSOR MEIER
- 165-166. Electrical Engineering Seminar.—2 s.h. MR. VAIL AND STAFF
- 173-174. Projects in Electrical Engineering.—3-6 s.h.
PROFESSOR SEELEY AND STAFF
- 257-258. Alternating Current Machinery.—Prerequisites: courses 152, 155.
6 s.h. ASSISTANT PROFESSOR MEIER
261. Communication Engineering, Audio Frequency.—Prerequisites:
courses 151, 152, Mathematics 131. 3 s.h.
PROFESSOR SEELEY AND MR. KRAYBILL
262. Communication Engineering, Radio Frequency.—Prerequisite: course
261. 4 s.h. PROFESSOR SEELEY AND MR. KRAYBILL
- 263-264. Mathematical Analysis of Electrical Circuits.—Prerequisites:
courses 151, 152 and Mathematics 131. 6 s.h. PROFESSOR SEELEY

MECHANICAL ENGINEERING

PROFESSOR WILBUR; ASSISTANT PROFESSORS REED, CHAPMAN, AND LEWIS;
MESSRS. THEISS AND HOFFER

51. Constructive Processes.—Prerequisite: Chemistry 2. 3 s.h.
ASSISTANT PROFESSOR CHAPMAN
52. Kinetics-Mechanism.—Prerequisites: G.E. 2, G.E. 57, Mathematics 59.
Mathematics 60 concurrently. 4 s.h.
ASSISTANT PROFESSORS REED, CHAPMAN, AND LEWIS
54. Kinetics-Mechanism.—Prerequisites: G.E. 2, G.E. 57, and Mathe-
matics 59. Mathematics 60 concurrently. 5 s.h.
ASSISTANT PROFESSORS REED, CHAPMAN, AND LEWIS
55. Steam Engineering.—Prerequisite: Physics 18. 2 s.h.
PROFESSOR WILBUR
- 101-102. Engineering Thermodynamics.—Prerequisites: M.E. 55, Physics
58, and Math. 60. 6 s.h. PROFESSOR WILBUR AND MR. THEISS
- 103-104. Heat Power Engineering.—Prerequisites: Mathematics 60, M.E.
55. 6 s.h. ASSISTANT PROFESSOR REED
105. Fluid Mechanics.—Prerequisite: M.E. 54. 3 s.h.
ASSISTANT PROFESSOR CHAPMAN AND MR. HOFFER
108. Aeronautics.—Prerequisite: M.E. 105. 3 s.h.
ASSISTANT PROFESSOR CHAPMAN AND MR. HOFFER
- 113-114. Junior Mechanical Engineering Laboratory.—Prerequisite: M.E.
55. M.E. 101-102 concurrently. 3 s.h. MR. THEISS
- 115-116. Junior Mechanical Engineering Laboratory.—2 s.h.
ASSISTANT PROFESSOR REED AND MR. THEISS
- 150-151. Machine Design.—Prerequisites: G.E. 107, M.E. 51, M.E. 54.
6 s.h. ASSISTANT PROFESSORS REED AND CHAPMAN; MR. THEISS
153. Heating and Air Conditioning.—Prerequisites: M.E. 102 or M.E. 104.
M.E. 159 concurrently. 3 s.h. ASSISTANT PROFESSOR REED
154. Refrigeration Engineering.—Prerequisites: M.E. 102 or M.E. 104.
M.E. 160 concurrently. 3 s.h. ASSISTANT PROFESSOR REED

155. Internal Combustion Engines.—Prerequisite: M.E. 101-102. 3 s.h.
PROFESSOR WILBUR
156. Airplane Engines.—Prerequisite: M.E. 155. 3 s.h. MR. HOFFER
158. Industrial Engineering.—3 s.h. MR. THEISS
159. Senior Mechanical Engineering Laboratory.—Prerequisite: M.E. 114.
M.E. 153 concurrently. 2 s.h. MR. THEISS
160. Senior Mechanical Engineering Laboratory.—Prerequisite: M.E. 159.
M.E. 154, 162 concurrently. 2 s.h. MR. THEISS
162. Power Plant Calculations.—Prerequisites: M.E. 101-102 or 103-104.
PROFESSOR WILBUR
- 171-172. Airplane Design.—Prerequisites: M.E. 150, M.E. 108. M.E. 151
concurrently. 6 s.h. MR. HOFFER
- 173-174. Aerodynamics.—Prerequisites: M.E. 105, M.E. 108. 4 s.h.
MR. HOFFER
176. Aeronautics Laboratory.—Prerequisite: M.E. 156. M.E. 174 concur-
rently. 2 s.h. MR. HOFFER
- 197-198. Projects in Mechanical Engineering.—3-6 s.h.
PROFESSOR WILBUR AND STAFF
- 199-200. Seminar.—2 s.h. STAFF

AERONAUTICS—GROUND SCHOOL COURSES

Required of students enrolled in Civilian Pilot Training Courses.

51. Elementary Air Navigation and Meteorology. MR. WILLIAMS

A study and physical explanation of the properties of the atmosphere, including pressure, temperature, humidity, winds, clouds, thunderstorms, fog, ice, etc., also air masses and their interactions; a study and interpretation of weather maps. Designed as part of the primary Civil Aeronautics Training Course for students of aviation.

DR. CONSTANT

For students in the Primary CPT course. 3 s.h.

151. Advanced Air Navigation and Radio Instruction.

PROFESSOR BIRD AND STAFF

For students in Secondary CPT course. 2 s.h.

161. Aircraft.

MR. HOFFER

For students in Secondary CPT course. 2 s.h.

171. Airplane Power Plants.

PROFESSOR WILBUR AND MR. HOFFER

For students in Secondary CPT course. 3 s.h.

GENERAL REGULATIONS

TRINITY COLLEGE, WOMAN'S COLLEGE, AND COLLEGE OF ENGINEERING

The academic year is divided into two semesters. The first semester of the academic year 1942-43 begins September 16; the second, January 25. Commencement Day, 1942, May 29; 1943, May 22.

TIME OF ENTRANCE

Patrons of the University and students who intend to enter the Freshman Class are reminded that the placement tests are held at the opening of the first semester in September and that this is the proper time to enter. If an applicant for admission cannot come early in the year, he should wait, except in very usual cases, until the opening of the next semester. It is important that all students be present on the first day of the session, for those who are late incur the penalties described above in this catalogue under the topic "Admission to College" and below under the subtopic "Course Cards." Students who enter after the beginning of the semester are marked absent in the work they have missed in the courses to which they are admitted, and these absences are counted as other absences from class.

For Freshmen who wish to follow the accelerated program and begin the work of the Freshman year in the Summer Session, the schedule for tests will naturally be adjusted to fit the time of admission. Full information about the accelerated program will be given on application.

MATRICULATION, REGISTRATION, AND ENROLLMENT

All students must appear before the Committee on Admission and obtain cards for admission. Cards of admission must be presented at the Treasurer's Office at the time of matriculation. All students, both old and new, are required to matriculate at the beginning of each semester and to obtain from the Treasurer a certificate of matriculation which serves also as an enrollment card. Students matriculating in either semester at a date later than that prescribed in this catalogue shall pay to the Treasurer a penalty of \$5.00 for late registration. Students whose course cards have been approved in the spring in the manner provided below are given an opportunity during the summer to matriculate by mail for the first semester. No student without a matriculation card is admitted to any class.

COURSE CARDS

Members of the Freshman, Sophomore, and Junior classes are required to submit to the Dean, not later than the date of spring registration,

cards showing their selection of courses for the following year. These cards must be approved by the Dean. After being approved, the cards must be filed for permanent record in the Dean's Office. Students in the Freshman, Sophomore, and Junior classes who do not select their courses for the following year at the time appointed have to pay a fee of \$5.00 to the Treasurer of the University before their course cards may be approved in the fall. The same regulations apply for the second semester. Students whose course cards have been approved but who, for reasons not arising within the University, desire to make a change in the card approved have to pay to the Treasurer a fee of \$1.00 for each change made. No course may be elected later than two weeks after the opening of the semester.

If a student drops a course without permission from the Dean of the College, the grade for that course shall be recorded as "F."

If a student drops with permission a course in which he is failing at that time, the grade for that course shall be recorded as "F" unless, in the judgment of the Dean, circumstances do not justify this penalty.

EXAMINATIONS

Mid-year and final examinations are held in all subjects in January and May, respectively. The examination record combined with the record made in class constitutes the student's final grade.

REGULATIONS REGARDING GRADES

The following regulations have been adopted by the Faculty:

Grades shall be reported so as to indicate one of four things:

(1) *Passed*. A grade "A," "B," "C," or "D" shall indicate that a student has passed a course. The work of this group of students shall be graded according to the following system: "A": exceptional; "B": superior; "C": medium; "D": inferior.

(2) *Failed*. A grade of "F" shall indicate that the student has failed in the course and that in order to receive credit for the course he shall be obliged to take the work again in class.

(3) *Incomplete*. (a) A grade of "I" may be reported by the instructor if for any reason he is unable to report the final grade at the regular time. (b) All students (with incomplete grades) who have not satisfied the requirements of the departments concerned and who have not obtained a passing grade before the close of the semester following the date of the regular examination in which the "I" was incurred are regarded as having failed on the course concerned and must repeat the work in class in order to receive credit.

(4) *Absent from Final Examination*. (a) The grade "X" shall indicate that the student was absent from the final examination. (b) A student absent from examination and marked "X," if his absence has been excused by the Dean of the College, may receive an examination on the payment of a fee of \$3.00 to the Treasurer of the University. The department concerned shall arrange for the examination in cases where

absences are incurred and excused and the grade reported in these cases shall be that earned by the student. (c) All students (with "X" grades) who have not satisfied the requirements of the department concerned and who have not obtained a passing grade before the close of the semester following the date of the regular examination in which the "X" was incurred, are regarded as having failed on the course concerned and must repeat the work in class in order to receive credit. (d) If a student's absence from an examination is not excused by the Dean of the College, his grade for the course concerned shall be recorded as "F."

EXPLANATION OF QUALITY-POINT SYSTEM

The requirements for the degree are reckoned not only in semester-hours but also in quality-points. Quality-points are the points earned by a student according to his grades, for each semester-hour of credit. The grade "A" gives three quality-points for each semester-hour of credit; the grade "B" two quality-points; the grade "C" one quality-point. The grade "D" carries no credit in quality-points. For the grade "F" one quality-point is deducted for each semester-hour of failure. Credit for 122 quality-points, exclusive of those earned in physical education, is required for the degree of Bachelor of Arts or Bachelor of Science in all groups.

NUMBER OF HOURS OF CLASSWORK

No undergraduate student is allowed to take less than fourteen hours of classwork a week without special permission of the Dean.

No undergraduate student may take more than seventeen semester-hours of work in one semester, if he fails to make eighteen quality-points on the work of the preceding semester.

CLASS STANDING

For a student to rank as a Sophomore, he must have to his credit twenty-four semester-hours with an average grade of "C"; as a Junior, sixty-six semester-hours with an average grade of "C"; as a Senior, ninety semester-hours, with an average grade of "C."

SENIOR WORK

A student of the Senior Class, irrespective of his average grade in preceding years, must, in order to be eligible for graduation, complete his work of the Senior year with an average grade of "C" or better.

EXCLUSION FOR FAILURE

A student of the Freshman Class entering college for the first time is not permitted to remain in the University in the second semester unless he passes as much as six semester-hours of the work of the first semester: any other student is not permitted to remain in the University in the sec-

second semester unless he passes as much as nine semester-hours of work in the first semester.

A student of the Freshman Class is not permitted to re-enter in September, nor to enter the Summer Session, if he did not pass at least six semester-hours of work in the second semester of the previous year and a total of eighteen semester-hours of work for the entire year; any other student is not permitted to re-enter in September, nor to enter the Summer Session, if he did not pass at least nine semester-hours of work in the second semester of the previous year and a total of eighteen semester-hours of work for the entire year.

STUDENTS TRANSFERRING FROM OTHER INSTITUTIONS

Students whose advanced credits from another institution are accepted by the University will be given an average grade of "C" on the semester-hours with which they are credited, provided their grades warrant it.

DEFICIENCIES IN COMPOSITION

The following regulations have been adopted by the Faculty:

1. Any Freshman who is found by the English Department to be unable to handle satisfactorily the work of composition in English 1-2 is required to take special work until he is able to do satisfactorily the regular work of English 1-2.
2. No student who has failed in English 1-2 or 53 is permitted to become a special student without continuing his work in composition until he has made up his deficiency in this work.
3. Whenever the work of a student in any subject is satisfactory to an instructor except for gross errors in English, the instructor concerned may hand in a provisional grade only. This grade may not be recorded in the college files until the student shall have improved his work in composition to the satisfaction of the English Department. A list of such provisional grades, along with evidence of deficiencies, shall be furnished the English Department each term by the officers in charge of the grades, and a report shall be made by this department when the deficiencies shall have been removed.
4. All instructors are requested to advise their students each semester concerning these regulations.

CANDIDATES FOR ACADEMIC DEGREES

1. A tentative list of all candidates for the Bachelor's degree shall be prepared under the supervision of the Dean of the College as early in the college year as possible, shall be read by him to the Faculty at its first regular meeting in October, shall be furnished in copy to each department of instruction for information and reference, and also shall be posted in copy on the official bulletin board of the University for the information of the students concerned.

2. Copies of the second such tentative list likewise shall be prepared, read, and distributed by April 15.

3. A final list of all candidates for the degree shall be read by the Dean to the Faculty at its first regular meeting in May and shall be adopted by the Faculty as the final list. After the adoption of this list no name may be added to it.

A student who completes in a summer session the work required by the University for the Bachelor's degree will be granted the degree at the end of that session.

THE DEAN'S LIST

Students of the Junior and Senior classes who, at the mid-year or final examinations, have attained in Duke University an average of "B" in their courses of the half year just closed and who have not received a grade of "F" in any course may be placed on the Dean's List for the succeeding half year. The privilege of the Dean's List is also extended to eligible members of the Sophomore Class during their second semester.

The name of a student may be withdrawn from the List at any time by the Dean, if the student fails to maintain a satisfactory standard of scholarship and conduct.

Students whose names are on the Dean's List will not be subject to the general regulations of the University governing class attendance. This privilege, however, may not be exercised in courses primarily open to Freshmen. Furthermore, such students are required to be present at the meeting of classes immediately before and after any holiday, unless they are excused by the Dean of the College.

If for any reason a student is removed from the Dean's List during, or at the close of the second semester of his Junior year, his name may not be reinstated on the List.

CLASS ATTENDANCE AND ABSENCES

Regular and punctual attendance in classwork is required of all students not on the Dean's List.

ASSEMBLY AND CLASS MEETINGS

TRINITY COLLEGE AND COLLEGE OF ENGINEERING

There shall be held on the first Thursday of each month of the college year in Page Auditorium, from 12:30 P.M. to 12:50 P.M., an assembly of all Seniors, Juniors, Sophomores, and Advanced Freshmen of Trinity College, and at this period of the day separate meetings of these four groups on the second, third, and fourth Thursdays of each month. There shall be a class meeting of the Freshman Class on each Saturday of every month at the time named above. The Engineering assemblies are held on the first Wednesday of each month from 12:30 P.M. to 12:50 P.M. in 104 Asbury.

Attendance upon all of these meetings is compulsory for all students involved. Any student incurring in a semester a total of more than four absences from them automatically excludes himself from college.

WOMAN'S COLLEGE

A weekly assembly is held for all students in the Woman's College, and an additional assembly for all Freshmen and transfer Sophomores. A meeting of the Freshman Class is held each week and other classes meet at appointed times.

Attendance upon all of these meetings is compulsory for all students involved.

SCHOLASTIC REGULATIONS FOR ATHLETIC AND OTHER ORGANIZATIONS

The following regulations have been adopted by the Faculty:

1. Any student who receives less than a passing grade on more than six hours of his required work of the preceding term shall be ineligible to represent the University in any athletic contest, concert, or other public event.
2. Members of athletic teams or other student groups engaging in public representation of the University are expected to be carrying satisfactorily their current work. A student may be barred from participation in such representation if, in the opinion of the Dean, he is not doing satisfactorily his current work.

Duke University is a member of the Southern (Athletic) Conference and observes the following scholastic requirement of that Conference:

"The scholastic requirement for eligibility to participate in varsity intercollegiate sports shall be the passing by the applicant of a minimum of twenty-four semester-hours or thirty-six quarter-hours of the work of his immediately preceding year in college; with the proviso that graduate students and students in the schools of law and medicine become scholastically eligible on the certificate of the deans of their schools."

THE ATHLETIC COUNCIL

The Board of Trustees, at its regular annual meeting in June, 1907, created an Athletic Council to be composed of eleven members appointed annually: three from the Faculty, to be appointed by the President of the University; four from the alumni, elected by the Alumni Association; and four from the undergraduates, one from each of the four classes, elected by the members of each class.

The three members of the Athletic Committee of the Faculty are the Faculty representatives in the Athletic Council. This committee alone has the responsibility of enforcing the scholastic and athletic requirements of the University for student participation in intercollegiate sports. The athletic eligibility rules are those of the Southern Conference; the scholarship requirements are printed elsewhere in this catalogue.

The Executive Committee of the Athletic Council is composed of the Chairman of the Faculty Committee on Athletics, and one other Faculty member and one alumni member of the Council. The Athletic Council on recommendations of its Executive Committee arranges athletic schedules, awards insignia of merit earned by members of athletic teams, and strives to promote among students of the University a proper and helpful athletic spirit; to encourage good fellowship in such sports both within the student body and toward student bodies of other educational institutions; through athletic sports to help cultivate a high sense of honor, earnest, unselfish effort, and manly conduct. The Executive Committee of the Council recommends to the President of the University persons to serve as Graduate Manager of Athletics and as coaches in the various sports. However, the election of such persons rests solely with the Trustees of the University or the Executive Committee of the University, on recommendation of the President of the University.

All funds arising from athletics are handled entirely by the Treasurer of the University. An audit of the receipts and disbursements of these funds is made annually by the official auditors of the University.

REGULATIONS REGARDING PUBLIC LECTURES AND OTHER PUBLIC OCCASIONS

All public lectures or addresses and other public events that are given under the auspices of the University or of any organization in any way connected with the University are under the supervision of the Faculty Council on Public Lectures. All dates and programs must be approved by this council except in instances where such occasions have been placed under the supervision of the Director of Public Relations.

HEALTH AND PHYSICAL EDUCATION

The program of Health and Physical Education in Duke University has four distinct phases, as follows:

1. Student Health.
2. Physical Instruction.
3. Intramural Sports.
4. Intercollegiate Athletics.

MEDICAL CARE

With the exceptions noted below, full medical and surgical care is furnished to all regularly matriculated students of the University, during both the college year and the summer quarter, at no additional cost to them beyond the medical fee of \$5.00 payable each semester or the medical fee charged each student of the summer quarter. This service is under the direction of the University Physician with the co-operation of the Staffs of the Infirmaries (one on each campus) and the University Hospital. It includes hospitalization (limited to thirty days), medical and surgical care, drugs, dressings, X-ray work, and ward, but not special, nursing. A charge for board is made at the same rate as in the Uni-

versity dining halls, and student meal tickets for these halls are accepted in payment of this board. Refraction of eyes, treatment of teeth and of all chronic and pre-existing conditions, such as diseased tonsils, hernias, elective surgery, chronic skin conditions, endocrine disturbances, etc., or accidents or illnesses occurring during vacations or while off the campus, are not included in this service. The cost of any necessary braces and orthopaedic appliances, as well as of special nursing, must be borne by the student.

No illness is treated in dormitory or other rooms occupied by students. Students needing treatment for minor medical or surgical conditions have the attention of the Director at his two daily visits to the Infirmaries, which have day and night nurses on duty. Students developing serious conditions are promptly transferred from the Infirmaries to the University Hospital, where they come under the care of the Staff of the Hospital.

PHYSICAL EDUCATION AND INTERCOLLEGIATE SPORTS TRINITY COLLEGE AND THE COLLEGE OF ENGINEERING

The University requires all students to engage in some type of physical activity for two years or four full semesters. This work consists of participation in natural, practical, physical activity for at least three one-hour periods each week. A credit of six hours, with an average grade of "C," is required in physical education for graduation.

The intercollegiate athletic program is controlled entirely by the University and consists of the organization and training of representative Freshman and varsity teams in the following sports: football, basketball, Baseball, track, cross country, swimming, lacrosse, wrestling, tennis, and golf.

WOMAN'S COLLEGE

The Physical Education Department aims to give all students an appreciation of the value of activity for general physical well-being, skill in one or more activities which can be enjoyed as recreation after college, a well-developed and well-coordinated body, and a knowledge of good posture and efficient handling of the body in everyday activities.

To this end, students are allowed to choose from a large number of activities including outdoor individual, dual, and team sports, several types of dancing, swimming, and gymnastics. All Freshmen are expected to take body mechanics in the winter, and each student must elect a rhythm, one team sport, and two individual or dual sports sometime during the three years of required physical education.

A medical and physical examination is required of each student upon entrance, and follow-up examinations are used as a basis for determining the type of physical exercise a student should take and any corrective measures needed. Special remedial and corrective classes as well as rest periods are provided for students who cannot engage in the usual sports and activities.

PUBLICATIONS COUNCIL

The student publications of the University are under the control of a council that was established in 1924 and reorganized by the Executive Committee of the University in 1935, and is constituted as follows: three (3) members from the University Staff appointed by the President of the University; two (2) members from the alumni appointed by the President of the University; six (6) men from the Junior and Senior classes, elected by the students in Trinity College; four (4) women from the Junior and Senior classes, elected by the students in the Woman's College; and three (3) editors and three (3) managers of student publications, ex officio members without any voting power. With the advice of the Council, the President of the University appoints each year for each publication an advisory committee of three (3) members from the Staff of the University.

No student publication can be started at the University without the approval of the Council.

RELIGIOUS EXERCISES

Chapel exercises are conducted on Tuesday and Friday throughout the academic year at 12:30 P.M. on the campus for men. Preaching services are held on Sunday at 11:00 A.M. in the University Chapel. Organ recitals are given on Sunday afternoons. In the summer carillon and organ recitals are given twice a week.

UNIVERSITY LECTURES

THE AVERA BIBLE LECTURES

The Avera Bible Fund was established in 1897 in honor of the late W. H. Avera by his wife, who donated \$2,500 for this purpose. The income from this amount is used to establish a lectureship and to provide a collection of books on Biblical Literature.

JOHN MCTYEIRE FLOWERS LECTURES

The John McTyeire Flowers Lectures, established by Mr. B. N. Duke as a memorial to John McTyeire Flowers, a young alumnus of Trinity College who died in the Far East in 1905, were inaugurated in 1921.

UNIVERSITY LECTURE SERIES

The University Series of Lectures is given each year. These lectures are under the supervision of the Committee on Public Lectures of the Faculty.

DUKE UNIVERSITY DAY

In commemoration of the signing by the late James B. Duke, on December 11, 1924, of the Indenture of Trust creating the Duke Endowment, under which Trinity College was expanded into Duke University, appropriate exercises are held on Duke University Day at the University. Various local alumni groups celebrate the anniversary in connection with their annual meetings, some of which are held on December 11 but most of them on other dates during the autumn.

ALUMNI ORGANIZATIONS

GENERAL ALUMNI ASSOCIATION

The Alumni Association of Duke University is composed of the male graduates and former students of Trinity College and Duke University. The Association gives its annual luncheon at Commencement at which a message of greeting is given by a representative of the class holding its twenty-fifth anniversary reunion. The annual business meeting of the Association is held at this time.

GENERAL ALUMNAE ASSOCIATION

The Alumnae Association of Duke University is composed of the women graduates and former students of Trinity College and Duke University. The Association joins with the Alumni Association in the annual luncheon at Commencement, holding its annual business meeting immediately afterward.

GENERAL ALUMNI COUNCIL

To give definite direction and supervision in the campaign for the erection of the Alumni Memorial Gymnasium, and for other purposes, an Alumni Council was provided for at the June, 1919, meeting of the Alumni Association. Since that time the Council has developed into a working body for the promotion of alumni interests by reason of its size and frequency of meetings. The membership is made up of representatives from local associations; class representatives, elected by reunion classes on the occasion of their fifth anniversary, or a multiple thereof; and officers of the Alumni Association.

GENERAL ALUMNAE COUNCIL

At the June, 1925, meeting of the Alumni Association the Alumnae Council was organized to function in a manner similar to that of the Alumni Council, in the interest of the former women students and of the University. Its purpose and form of organization is very much the same as those of the Alumni Council.

THE ALUMNI OFFICE

The General Alumni Office was organized to promote the work of the local alumni and alumnae associations and to co-ordinate the various activities of the General Alumni and Alumnae Associations and the General Alumni and Alumnae Councils. Seventy-seven county and local alumni associations have been formed in North Carolina and other states.

THE ALUMNI REGISTER OF DUKE UNIVERSITY

The Alumni Register of Duke University is a monthly magazine published by the Alumni Association in the interest of the alumni and the University. It aims to keep the alumni in touch with one another and with the University.

THE ALUMNI NEWS

The Duke University Alumni News is sent to all alumni four times during the year.

APPOINTMENTS OFFICE

With the co-operation of the Alumni Office, the University maintains an Appointments Office, in charge of a whole-time director, to serve graduates and advanced students of the institution on the one hand, and those who desire well-qualified persons for teaching and commercial positions on the other hand. The Appointments Office is divided into two sections: (1) the Division of Teacher Placement and (2) the Commercial Positions Division.

DUKE UNIVERSITY NEWS SERVICE

The Duke University News Service is the official publicity agency of the University for the purpose of sending out news to the press. It functions as a division of the Department of Public Relations and Alumni Affairs.

FEES AND EXPENSES

The following tables show the general fees and charges collected from all students and the special fees collected from those taking courses in the sciences and in history. All fees for each semester are due and payable, unless otherwise specified, at the time of registration at the beginning of that semester and no student is admitted to classes until arrangements have been made with the Treasurer of the University for the settlement of fees.

GENERAL FEES

Matriculation, per semester.....	\$ 25.00
Tuition, per semester.....	100.00
Room-rent—See the detailed statement that follows.	
Athletic Fee, admitting students to all athletic contests held on the University grounds, per semester.....	5.00
Recreation Facilities and Equipment Fee, per semester.....	1.00
Damage Fee, payable annually at the time of first registration.....	1.00
Medical Fee, per semester.....	5.00
Library Fee, per semester.....	5.00
Commencement Fee, payable annually at the beginning of the second semester	3.00
Publication Fee:	
First semester	3.00
Second semester	2.50
Diploma Fee, payable by candidates for degrees at the beginning of the second semester, refunded if the diploma is not awarded.....	5.00

LABORATORY AND MATERIALS FEES

Botany 1, 2, 52, 55, 101, 104, 202, 204, 221, 255, and 256.....	\$ 2.50
Botany 51, 103, 151, 156, 203, 216, and 252.....	5.00
Forest Botany 224 and 253.....	2.50
*Chemistry 1, 2, 61, 70, 131, 132, 153, 154, 215, 216, 261, and 262.....	7.00
Chemistry 151, 152, 155, 241, 242, 253, and 254.....	8.50
Education 1, 58, 68, and 101.....	1.00
Education 112, 115, 116, 122, and 131.....	7.50
Education 208 (for testing materials in lieu of text).....	2.50
Engineering	
Civil S60—See <i>Summer Session Bulletin</i> .	
Civil 61, 63, 64, 112, 118, 123, 124, 135, 143, 144, and 240	2.00
Electrical 153, 154, 161, 162, 163, 164, 261, 262.....	2.00
General 109	2.00
Mechanical 113, 114, 159, 160, 176.....	2.50
Forest Botany 224 and 253.....	2.50
Forestry 224, 253, 254, 259, 260, 264, 357a, and 358a.....	2.50
Forestry 261, 351, 352, 354, 357b, 358b.....	\$2.50 to \$5.00
Geology 51, 52, 101, 151, and 152.....	2.50
Geology 102	5.00
Field trip in Geology 51-52 and 101-102 at cost.	

* When the laboratory in Chemistry 153-154 supplements that of another course and is taken simultaneously with such course, no fee is charged with Chemistry 153-154.

History 91 and 92.....	3.00
No texts are required in these courses, but a fee of \$3.00 is charged, and books are placed in the Library for the use of those taking the courses. This fee is payable at the beginning of the semester and is collected through the office of the Treasurer of the University.	
Physical Education, per semester, for men.....	1.50
Physical Education, per semester, for women.....	1.00
Physics 1 and 2.....	2.00
Physics 57, 58, 61, 62, 70, 103, 104, 108, 215, 216, 217, 218, and 219	3.00
Physics 51, 52, and 106.....	5.00
Zoology 1, 2, 92, 161, 204, 219, 220, 222, 274, 276, 306, 324, 343, 353, and 354.....	3.00
Zoology 53, 151, 156, 224, 229, 303, and 321.....	5.00

TEACHERS TAKING COLLEGE COURSES

Teachers in near-by schools, taking one or two courses, are required to pay a registration fee of \$5.00 each semester and a tuition fee of \$3.00 per semester-hour of credit in addition to any regular laboratory fee or other fees collected from those students taking the courses.

ESTIMATED EXPENSES FOR AN ACADEMIC YEAR

The necessary expenses of a student are moderate; the University dormitories provide thoroughly comfortable and wholesome living conditions at a minimum of cost, while all charges made by the University have been kept low. Incidental expenses depend naturally upon the tastes and habits of the individual, but the actual necessary college expenses for one year, including board, room-rent, and such University fees as tuition, matriculation, commencement, library, damage, and medical, vary from \$574.50 to \$639.50. Books and laundry are not included in these figures.

LIVING ACCOMMODATIONS FOR MEN

Single room, per semester—Craven, Crowell, and Kilgo Quadrangles, West Campus	\$75.00
Double room, per student, per semester—Craven, Crowell, and Kilgo Quadrangles, West Campus.....	62.50
Double room, per student, per semester—Southgate Hall, East Campus...	50.00
Double room, per student, per semester—Epworth Hall, East Campus....	30.00

There are three groups of resident houses designated as Craven, Crowell, and Kilgo Quadrangles on the West Campus. The rooms are single, double, or arranged in suites of two rooms for four students. There are thirty-one houses within the three groups designated by the letters of the alphabet.

There are also two dormitories on the East Campus used for men—Southgate and Epworth halls. All these rooms are equipped for two persons. Students in the College of Engineering are expected to live in either Southgate or Epworth, which are located near the Engineering College. Room reservation fees and applications for room assignments should be addressed to the Director in the Business Division, East Campus.

Kilgo Quadrangle (eight houses) has been set aside as a Freshman dormitory. A portion of Southgate Hall has also been reserved for Freshmen studying engineering. All Freshmen, except those living at home with their parents, are required to room in one of these dormitories.

Rooms are reserved only for applicants who have been officially accepted by the University, upon application to the Director in the Business Division, Duke Station, Durham, North Carolina. A reservation fee of \$25.00 between April 15 and May 15 at the office of the Director in the Business Division is required. This reservation fee is deducted from the room charges at the time of registration for the fall semester. An applicant who is accepted and has a room reserved is not entitled to a refund of the reservation fee unless the request is made on or before August 1.

A resident student in order to retain his room for the succeeding year is requested to make application accompanied by a reservation fee of \$25.00 between April 15 and May 15 at the office of the Director in the Business Division. All rooms which have not been reserved on or before May 15 will be considered vacant for the succeeding year and will be reserved in the order in which applications are made.

Rooms are rented for no shorter period than one semester, or in the case of a medical student, one quarter, unless by special arrangement with the Director in the Business Division. A period of occupancy other than a semester or quarter and without special arrangement will be charged at a minimum rate of \$1.00 each day.

The exchange of rooms may be arranged for at the Housing Bureau within fifteen (15) days after the official opening of the semester or quarter of the school term. A charge of two dollars (\$2.00) will be made for the exchange of rooms after the periods allowed for such exchange. Persons exchanging rooms without the approval of the Housing Bureau will be subject to charges for both rooms.

The authorities of Duke University do not assume the responsibility of selecting and assigning roommates, though they will gladly render any assistance possible.

DORMITORY REGULATIONS

Duke University is particularly eager that its students shall have the best dormitory life to be found in any institution, and to encourage this has provided buildings and equipment which are not surpassed. The Institution asks and believes that in return each student will respond to this effort by arranging his personal belongings in an orderly manner, and by caring for the buildings and furniture as he would do in the home of a friend. The following regulations are offered as a guide and a reminder that care is desired.

1. The student will be held responsible for any damage to the room or furnishings during the rental period, and will pay for all damages caused by his neglect, misuse or abuse of any part of the University property. Inspections will be made throughout the college year to observe the condition of the rooms and to advise students concerning the care of rooms, if necessary.

2. Maids will prepare the rooms daily except Sunday, the service beginning promptly at 8:00 o'clock A.M. and ceasing at 1:00 o'clock P.M., thereby giving the student complete use of his room during the afternoon.

3. University furniture or furnishings must not be removed from the room in which they have been placed by the University.

4. Electric wiring, door locks, window screens, steam or water lines should not be changed or added, since the University supervises and makes such changes as are necessary and advisable.

5. Pictures, pennants, clippings should be hung from the picture moulding and not tacked or pasted on walls or woodwork.

6. Each student is expected to supply necessary sheets, blankets, pillows, rugs and curtains. Furniture, beds and mattresses (39" x 74"), tables, chairs, dressers, mirrors, and window shades are furnished by the University.

7. All trunks and heavy luggage will be stored in the trunk rooms. Janitors will remove the trunks from the hallways to the storage rooms when they are unpacked.

8. The exchange of rooms or keys should be arranged for at the office. Any exchanges made otherwise will subject the participant to charges for both rooms.

9. The use or possession of intoxicating liquors, wines or beer, and gambling in any manner in any of the buildings or on the grounds of Duke University are forbidden.

10. Animals shall not be kept in the dormitories.

11. Women are permitted in the dormitories only when accompanied by the University Hostess.

12. The use of dormitory rooms as a sales office or storeroom, or the solicitation for sales or gifts within the buildings or on the grounds is prohibited except by appointees of the University.

LIVING ACCOMMODATIONS FOR WOMEN

The Woman's College campus, known as the East Campus, is situated about a mile and a quarter from the West Campus, with a private road connecting the two.

Houses—The seven residence houses on the East Campus are Alspaugh, Aycock, Bassett, Joseph G. Brown, Giles, Jarvis, and Pegram. A plan of the houses will be sent upon request to the Director in the Business Division, College Station, Durham, North Carolina. Each house has a resident head of house and paging system for announcing visitors.

Rooms—All questions concerning rooms should be addressed to the Director in the Business Division. The students' rooms are single, double, or arranged in suites of two rooms for two students.

Room Furnishings—Rooms are supplied with all necessary furniture. Curtains, towels, sheets, pillow-slips, blankets, and heavy bed covering, etc. are furnished by the students. Sash curtains of a standard type are required and can be bought at the College Store. Draperies, small scatter rugs, and study lamps can be brought from home or bought at reasonable prices from the College Store or in the city. Large rugs and heavy overstuffed furniture may not be brought into the dormitories.

Room Rent—

Single room, per student, per semester, Giles, Alspaugh, Pegram, Bassett, Brown and Jarvis Houses.....	\$87.50
Double room, per student, per semester, Giles, Alspaugh, Pegram, Bassett, Brown and Jarvis Houses.....	62.50
Single room, per student, per semester, Aycock House.....	75.00
Double room, per student, per semester, Aycock House.....	50.00

Room Reservation—A room reservation fee of \$25.00 is required before any room reservation can be made for new or returning students. This fee is de-

ducted from the room charges at the time of registration for the fall semester. Applicants for admission are requested not to send the room reservation fee until notified of acceptance. Those who make application and are accepted will not be entitled to have the reservation fee refunded unless the request is made on or before July 15. Those who are accepted after July 15 have ten days in which to pay their room reservation fee. This fee is not refundable.

No room assignments will be made for new students until they have been officially accepted by the Council on Admissions. The room reservation fee of \$25.00 is payable immediately upon notification of acceptance by the Council on Admissions. If room reservation fee has not been received within ten days after notification of acceptance by the Council on Admissions, the admission will be canceled.

Details relative to the signing of rooms by resident students will be posted on dormitory bulletin boards about April 15. Resident students have the right to retain their rooms for ensuing year or to sign for new ones in the order of their class beginning with the Seniors. The new students are then assigned the remaining rooms, and in so far as possible, the type of room which they prefer. The University is responsible for the fall semester only for securing roommates for new students desiring double rooms. After a student has been a resident for one semester, the responsibility for securing and keeping a roommate is transferred to the student. If a student occupying a double room does not have a roommate by the date posted, approximately two weeks after the beginning of the semester, she will be required to pay double rent. The University is glad to co-operate in assisting the student to find a roommate.

When a room is once engaged by a student, no change will be permitted except with the consent of the Director in the Business Division. Leaving one room and occupying another without permission is strictly against the rule and will render the offender liable to a charge for both rooms for the entire semester. No occupant is permitted to rent or sublet a room to another occupant. Rooms are rented for no shorter period than one semester. When a student leaves school before the end of the semester, the charge is \$1.00 a day unless the total charge on this basis is in excess of the room rent for the semester. All undergraduates who are not residents of Durham are required to live in the dormitories unless they are living with their parents or near-relatives. An undergraduate woman who is over twenty-one years of age and who wishes to live in the city may make special arrangements with the Dean. Provision is made for graduate students to live on the campus.

No visitors are permitted in any sections of the dormitories which are occupied by women except by permission of the office of the Head of the House. Merchandising, solicitation, or advertising of any type is strictly forbidden within the dormitories.

BOARDING ACCOMMODATIONS

Trinity College, West Campus.—Beginning with the academic year 1930-31 the University opened its dining hall in the Union on the West Campus with accommodations sufficient to provide in a superior way for all resident men students. Charges for board are approximately \$30.00 per month.

The Union is the logical center of student activities for men, and it will be found desirable for male students to board in its supervised halls. In the Union are located the University Post Office, the University Store, the University Barbershop, and all publication staff offices.

In addition to the Union dining halls, the Coffee Shop is operated for the convenience of students and visitors.

Woman's College, East Campus.—The dining halls of the Woman's College are situated in the Union, the student center, on the East Campus. No resident woman is permitted to board elsewhere than at this Union. Board is \$125.00 per semester.

Because of the large number of those served in the Union dining halls, it is not possible to arrange special diets for individual students. Special diet for the sick is served in the Infirmary.

The Union includes a Faculty dining room, a lounge, and other rooms for various student activities.

LAWS REGARDING PAYMENTS

The Executive Committee of Duke University has enacted the following regulations which govern the payment of all fees due the University:

1. The President and the Treasurer of the University have no authority to suspend or in any way alter these regulations.
2. Matriculation and tuition fees are never refunded.
3. Any student who has failed to pay his bills on the dates advertised in the catalogue is denied the right to attend classes until his account is settled in full.
4. No student is considered by the Faculty as an applicant for graduation until he has settled with the Treasurer for all of his indebtedness to the University.
5. No student who has not settled all his bills with the Treasurer of the University is allowed to stand the mid-year or final examinations of the academic year.

When a student wishes his bills sent to his parents or guardian, the student or his parent or guardian must so notify the Treasurer of the University in writing in due time, but this in no way releases the student from liability to established penalties, if his bills are not paid on the dates advertised.

TRANSCRIPTS

Students desiring to transfer from Duke University to another institution are entitled to one transcript of their record. A charge of \$1.00 is made for each additional copy.

SCHOLARSHIPS, LOANS, AND EMPLOYMENT AID

Duke University annually awards available scholarships, administers loan funds, and supervises student employment through a committee of the Faculty to deserving students of Trinity College, the Woman's College, and the College of Engineering.

SCHOLARSHIPS

Scholarships intended to aid needy and deserving students have been established from time to time by persons deeply interested both in Duke University and in the members of its student body. Such scholarships are supported by the income from invested funds. All scholarship endowments are held in trust and are kept separate and distinct from other holdings of the University. All income is faithfully applied in accordance with the terms of the gift or bequest.

In addition, a limited number of scholarships, notably the honorary awards in recognition of scholastic merit and strength of character, are financed through current funds of the University.

Scholarships are awarded annually by a committee of the Faculty appointed by the President of the University. In some cases donors have specified certain limitations and conditions. These are faithfully followed, but in all cases final award is made by the Faculty Committee.

As a general rule, scholarships cover tuition charges only, though in some instances provision has been made for larger amounts. Any student enrolled in the University or any prospective student may apply for a scholarship. No application, however, may be made formally by a prospective student until application for admission has been made, all necessary credentials presented, and notification of acceptance given. The number of scholarships available is small in comparison with the number of undergraduate students enrolled in the University, and as a result the committee in making the awards attempts in so far as possible to limit scholarship aid to cases where the need is imperative. Before applying for such aid, a student should first have exhausted all means of aid from parents, kinsfolk, interested friends and commercial or civic agencies in his home locality.

A list of scholarships and loans, and the procedure and terms of making application, are set forth below. The value of the scholarships is based on the annual income from the invested principal.

ALUMNAE SCHOLARSHIP (1939). Based on contributions of individuals and groups of alumnae during the Centennial. *Invested principal, \$1,900.*

BANKS-BRADSHAW SCHOLARSHIP (1913). Established by Mr. W. L. Banks of Wilson and the Reverend Mike Bradshaw, '78. *Invested principal, \$1,300.*

HERBERT J. BASS, JR., SCHOLARSHIP (1900). Established by Mr. and Mrs. Herbert J. Bass in memory of their son, Herbert J. Bass, Jr. *Invested principal, \$1,000.*

MAYE BOWLING BENNETT SCHOLARSHIPS (1928). Established by Edgar S. Bowling, '99, as a memorial to his sister, Maye Bowling Bennett, '12. Several scholarships are provided by income from an invested principal of \$25,000. Preference is to be given students from Durham and adjoining counties and the donor or a representative of his family is to be consulted in making awards.

CENTENNIAL SCHOLARSHIPS: In connection with the Centennial Celebration in 1938-39 a number of scholarships were provided by gifts from alumni and friends of the University. Funds for this purpose are still accumulating gradually. Among others, scholarships are being set up by the alumni of Atlanta, High Point, Thomasville and the Classes of 1906, 1912, and 1918.

CHRISTIAN EDUCATION SCHOLARSHIPS (1921). Established as a part of the Christian Education Movement by donations from several invested funds of the University. *Invested principal, \$6,000.*

CLASS OF 1914 (1939). Based on annual earnings from a fund now approximating \$2,100. Preference, sons, daughters or descendants of the members of the class.

E. M. COLE SCHOLARSHIPS (1920). Awards limited to undergraduate ministerial students. *Invested principal, \$10,000.*

W. L. CUNNINGGIM SCHOLARSHIPS (1934). Established by Mrs. W. L. Cunninggim and Mrs. Alberta Bourne in memory of the Reverend W. L. Cunninggim, '77. Preference is given to students entering Duke University from the Methodist Orphanage, Raleigh, N. C. *Invested principal \$7,500.*

JERE R. DOWNING SCHOLARSHIP (1936). Established by gift of Mrs. J. R. Downing and Dr. J. Robert Downing, A.B. '35, M.D. '39, as a memorial to their husband and father. *Invested principal, \$1,000.*

BENJAMIN N. DUKE SCHOLARSHIPS (1936). Established by bequest of Mrs. Sarah P. Duke in memory of her husband, Benjamin N. Duke. Income from investments available annually is approximately \$9,000.

N. EDWARD EDGERTON SCHOLARSHIP (1939). Established by gift of N. Edward Edgerton, '21. Limited to students in the Divinity School. *Invested principal, \$5,000.*

ARTHUR ELLIS FLOWERS SCHOLARSHIP (1901). Established by gift from Colonel and Mrs. George W. Flowers in memory of their son, Arthur Ellis Flowers. *Invested principal, \$1,000.*

GEORGE W. FLOWERS SCHOLARSHIP (1927). Established by gift of Claude M. Flowers, '09, as a memorial to his father, Colonel George W. Flowers. *Invested principal, \$5,000.*

ROBERT L. FLOWERS SCHOLARSHIP (1939). Established by gift of Dr. and Mrs. R. L. Flowers. *Invested principal, \$1,000.*

P. HUBER HANES AND P. HUBER HANES, JR., SCHOLARSHIPS (1937). Four general scholarships, two others restricted to students majoring in Business Administration, and one restricted to Divinity students, \$40,000.

this being part of a \$50,000 Centennial contribution by P. Huber Hanes, '00.

HARGITT FELLOWSHIP IN ZOOLOGY (1939). Established under the terms of a bequest of Charles W. Hargitt, and supported by the income from invested funds valued at \$41,000.

B. D. HEATH SCHOLARSHIP (1903). Established by gift of B. D. Heath. Preference is given to students from Union County, N. C. *Invested principal, \$2,400.*

H. H. JORDAN MEMORIAL SCHOLARSHIP (1938). Established by his sons and daughters in memory of their father, the Reverend H. H. Jordan. *Invested principal, \$2,500.*

J. M. JUDD SCHOLARSHIP (1925). By gift. *Invested principal, \$1,000.*

GURNEY HARRISS KEARNS FELLOWSHIP IN RELIGION (1935). "Graduate Fellowship in the field of American religious thought and practice." By gift of G. H. Kearns, '97. *Invested principal, \$20,000.*

FRANK S. LAMBETH SCHOLARSHIP (1930). At the request of his widow and children, a bequest by Frank S. Lambeth, '80, was set up as a scholarship fund in his memory. *Invested principal, \$1,000.*

MCALISTER SCHOLARSHIPS (1935). Established by Mrs. Amelie McAlister Upshur, in memory of her mother, Armantine Reynaud McAlister, and her father, William Henry McAlister. The scholarships provided by this fund are granted to men and women who are residents of the states of North Carolina, South Carolina, and Louisiana.

O. G. B. McMULLAN SCHOLARSHIPS (1912). By gift. *Invested principal, \$1,300.*

W. H. MOORE SCHOLARSHIP (1920). Established by his wife and daughters in memory of Dr. W. H. Moore, '71. *Invested principal, \$1,200.*

J. A. ODELL SCHOLARSHIP (1897). By gift. *Invested principal, \$1,300.*

J. M. ODELL SCHOLARSHIP (1897). By gift. *Invested principal, \$1,300.*

WILLIAM R. ODELL (1940). Established by members of his family and friends in memory of William R. Odell, 1855-1938, class of 1875; for fifty years a trustee of Trinity College and Duke University.

JOHN T. RING SCHOLARSHIP (1919). Established by S. G. Ring and family in memory of John T. Ring, '16, who was killed in France while in the service of his country. *Invested principal, \$1,200.*

J. RAYMOND SMITH SCHOLARSHIP (1939). By gift. *Invested principal, \$5,000.*

GEORGE W. WATTS SCHOLARSHIP (1897). By gift. *Invested principal, \$1,300.*

C. E. WEATHERBY SCHOLARSHIP (1912). By gift. *Invested principal, \$1,300.*

In 1927 a friend of Duke University established a fund which now provides annually approximately fifteen scholarships for students preferably from Durham and Perquimans counties of North Carolina. Descendants of the donor, irrespective of their place of residence, are to be given consideration and a representative of his family consulted in the making of awards. These scholarships have no fixed value. Circumstances in all

cases determine the amount of individual awards. Usually, however, they are sufficient in amount to cover tuition charges.

THE ANGIER B. DUKE MEMORIAL, INCORPORATED, awards through the Scholarship Committee of Duke University four scholarships with an annual value of \$250 each to undergraduate students. These scholarships are awarded as follows: one on the basis of merit and necessity to an accredited high or preparatory school graduate entering the Freshman Class of Duke University; and one each to a member of the Sophomore, Junior, and Senior classes on the basis of merit, necessity and worthy individual contributions to university life. This fund is primarily for student loan purposes and is more fully described hereafter under "Loan Funds."

Fifteen honorary scholarships paying tuition are annually awarded to undergraduates. Five are held by members of the Sophomore Class, five by members of the Junior Class, and five by members of the Senior Class. Sophomore scholarships are awarded on the basis of scholastic work of the Freshman year; Junior scholarships on the basis of the scholastic work of the Sophomore year and Senior scholarships on the basis of the scholastic work of the Junior year. Scholastic attainments and character are the sole bases of these awards.

Application for scholarship aid should be made to the Scholarship Committee, Secretary's Office, Duke University Station.

LOAN FUNDS

THE ANGIER B. DUKE MEMORIAL, INCORPORATED, administers through an advisory committee of the officers of the University, a loan fund for students of the University. Only the earnings of this fund are available for loan purposes.

The Committee of University officers also administers other endowed loan funds established for the benefit of students of Duke University. The amount available each year depends on the annual earnings and on the amount of loans repaid.

Although the total amount of loan aid is considerable, the calls for assistance far exceed the amount available for lending purposes each year. The Committee in charge of these funds, therefore, reserves the right to select from the applicants those who in character, personality, general promise, scholastic merit, and degree of financial need, are most deserving of consideration.

The loan funds are administered in accordance with the following regulations:

1. No loan shall be made to a student who violates any of the regulations of the University or whose classwork is not satisfactory to the Faculty.

2. As a general policy a student is not potentially eligible for loan assistance until he has been in residence at least one semester and until those responsible for the administration of loan funds have had an oppor-

tunity to acquaint themselves with the worthiness and the need involved in any particular case.

3. Loans will be made only to students who are taking approved courses of study that lead to a degree, and all loans must be arranged for not later than one week after the beginning of a semester.

4. Every applicant for a loan must present with the application such security as the President of the University may approve, and no money shall be advanced before a note with approved security is in the hands of the Treasurer of the University.

5. No loan will be made to defray any other expenses than those incurred during the academic year for tuition, for matriculation, or for room-rent.

6. Interest at a rate of 6 per cent annually shall be charged for all loans of money, and the interest must be paid annually.

7. Applications for loans should be made to the Loan Committee, Secretary's Office, Duke University Station. A formal application for loan assistance may be made only on blanks furnished by the Secretary's Office at the time of registration. The granting or withholding of a loan is a matter entirely within the discretion of the Loan Committee. A student is expected to use all other possible means of securing financial assistance before applying for aid from the Loan Fund.

EMPLOYMENT

A number of students each year secure part-time employment on the University campus and in the city. Those in need of such employment may apply to the Secretary of the Committee on Student Aid, Secretary's Office, Duke University. No definite number of such places can be promised. Available places will be assigned in accordance with the merit and the need of the applicants.

HONORS AND PRIZES

To be eligible for Honors a student must earn during the year a credit of not less than thirty semester-hours. Students in the Freshman, Sophomore, and Junior classes who earn an average of at least two and one-half quality-points per semester-hour are given Honors. All semester-hours on which a student receives a grade are counted in the determination of Honors.

The degree of Bachelor of Arts or of Bachelor of Science with distinction is conferred upon the following rules:

Students who have completed a minimum of ninety semester-hours in Duke University are eligible for general Honors at graduation. Those who earn an average of at least two and one-half quality-points per semester-hour are recommended for a degree *magna cum laude*. Those who earn an average of at least two and three-fourths quality-points per semester-hour are recommended for a degree *summa cum laude*. All semester-hours taken in Duke University on which a student receives a grade are counted in the determination of Honors.

MEDALS AND PRIZES

The Wiley Gray Medal was established by the late Robert T. Gray, Esq., of Raleigh, North Carolina, to be awarded annually in memory of his brother. It is given for the graduating oration that shall be, in the opinion of a committee, the best, with respect to both declamation and composition.

The Debate Council authorizes the awarding of medals to members of the graduating class who have represented the University in at least two intercollegiate debates. The medals are given by the local chapter of the Tau Kappa Alpha Fraternity.

The Southern History Prize is awarded each year for the best essay dealing with a subject relating to Southern history. The prize is \$25 in cash donated by an anonymous friend of the University. The competition for the prize is conducted according to the regulations adopted by the Trinity College Historical Society.

The Robert E. Lee Prize is the gift of the Reverend A. W. Plyler, of the Class of 1892, and Mrs. Plyler. The sum of \$50 is awarded annually at Commencement, preferably to that member of the Senior Class who in character and conduct, in scholarship and athletic achievement, in manly virtues and the capacity for leadership, has most nearly realized the standard of the ideal student. The Dean of the College, the Graduate Manager of Athletics, and the President of the Student Council constitute a committee to draft and adopt regulations governing the award.

The Dr. R. C. Parker Physics Prize. Dr. R. C. Parker gave to Duke University a silver cup of Chinese manufacture to be used for the encouragement of scholarship in physics. The award is made annually by a committee from the Department of Physics, acting with the President

of the University, to that student of Physics 1-2 who by the end of the academic year is judged to have shown the greatest promise as a student of physics. The winner is chosen not only for his mathematical grades but also for his industry, growth in power of reasoning, originality of point of view, and skill in experimentation. The name of the winner is engraved on the cup which is given into his possession, subject to certain necessary regulations, until the next award is made.

The Iota Gamma Pi Scientific Prize. The Iota Gamma Pi Science Fraternity offers an annual prize of \$25 to a member of the Junior Class, majoring in science, who is judged to be the leading student in the scientific courses of the University. The fraternity submits to the judges a list of students eligible for the prize. The committee of award is composed of the Dean of the University and one member each from the Departments of Geology, Botany, Zoology, Chemistry, Physics, and Engineering. The departments concerned choose their own representatives on this committee. The award is made on the following basis: quality of scientific work, 50 points; personality and general ability, 30 points; quality of work in departments other than scientific, 20 points. The president of the fraternity publicly awards the prize in chapel during the second week in May.

Alpha Kappa Psi Medallion. This prize is offered each year to the member of the graduating class who makes the highest record in economics and business administration during his career at the University.

The Willis Smith Prize. Mr. Willis Smith, a member of the Raleigh Bar and Chairman of the Law School Committee of the Board of Trustees of Duke University, awards each year to that member of the graduating class of the Law School who has maintained the highest scholastic average during the entire three years of Law School work, a prize consisting of a set of books selected personally by Mr. Smith each year for that purpose.

Julia Dale Prize in Mathematics. This is a prize of books given annually to the undergraduate who shows the greatest proficiency in the study of the calculus.

The Milmow Prize, consisting of one year's subscription to the *Electrical World*, is awarded each year to that student from North or South Carolina graduating in the Department of Electrical Engineering, who, in the opinion of the Faculty of that department and as shown by his grades, has made the most progress in electrical engineering during his last year in college.

The Pegram Chemistry Club Prize will be awarded in the spring of each year for scholarship in chemistry, physics, and mathematics. The prize is to consist of one year junior membership in the American Chemical Society, and a one-year subscription to either the *Journal of the American Chemical Society*, or to *Industrial and Engineering Chemistry*. To qualify for this prize the student must (1) be enrolled as an undergraduate of Duke University, (2) be taking or have taken a fourth year chemistry course. The winner of this prize is to be selected by a com-

mittee consisting of at least one Faculty member and at least two members of the Pegram Chemistry Club; the selection is to be based on the quality-point average for all courses taken in chemistry, physics, and mathematics. In case of a tie equal awards will be given.

The Sigma Xi Prize. The Society of the Sigma Xi, honorary scientific society, is devoted to the encouragement of scientific research, and seeks to stimulate those who show promise of accomplishment in scientific research. As an encouragement to younger men and women the Duke Chapter of Sigma Xi has established the following prizes to be awarded annually to students resident at Duke University: \$20.00 for an undergraduate project or paper, \$20.00 for a Master's thesis or its equivalent, and \$40.00 for a Ph.D. dissertation or its equivalent. Nominations, recommendations, copies of theses, reports or other material must be in the hands of the Secretary of the Chapter on or before May 5.

STUDENT ORGANIZATIONS AND ACTIVITIES

The Men's Association of Duke University comprises all men students in Trinity College. It functions through its officers and a council to initiate policies and to oversee matters within the control of the student body. The council is composed of nine members: three executive officers, two representatives from the Senior Class, two from the Junior Class, one from the Sophomore Class, and one from Southgate Dormitory.

The Women's Student Government Association is similar in character to the men's association. Its council is composed of the officers of the association and ex officio of the Y.W.C.A. president and an undergraduate representative.

The Young Men's Christian Association and the *Young Women's Christian Association* are branches of the national student Christian Associations. Each body aims to enrich not only the religious life of its members as individuals but also to promote religious group activity. Delegates are sent each year to summer conferences, state conventions, interstate conventions, and the state Bible and missionary institutes. Every year a series of special religious services is held. The Open Forum Bible Class is conducted under the auspices of the Church Board.

Other organizations and activities include the following:

Bench and Bar Association (Pre-Legal Undergraduates); Classical Club; Debate Council (Men); Debating Club (Women); Duke Flying Club; Duke University Church (Interdenominational); Duke University Pre-Medical Society (Undergraduate Medical Group); Hesperian Union; Isotes (Independent Social Group—Women); Ministerial Fellowship; Modern Dance Group; Nereidian Club (Women); Poetry Club; Quadrangle Pictures; Student Forum Committee (Women); Student Religious Council; The Duke Players; The Explorers' Club; Town Boys' Club; Town Girls' Club; Trident Club; Undergraduate Writers; Women's Athletic Association; and W. H. Pegram Chemistry Club.

HONORARY ORDERS AND FRATERNITIES (NATIONAL)

Alpha Kappa Psi (Economics); Chi Delta Phi (Literary—Women); Delta Phi Alpha (German); Kappa Delta Pi (Education); Omicron Delta Kappa (Leadership—Men); Phi Beta Kappa (Scholarship); Phi Eta Sigma (Freshman Scholarship—Men); Pi Mu Epsilon (Mathematics); Sigma Delta Pi (Spanish); Sigma Pi Sigma (Physics); Sigma Xi (Scientific Society); Tau Kappa Alpha (Forensic); Tau Psi Omega (French); Theta Alpha Phi (Dramatic).

HONORARY ORDERS AND FRATERNITIES (LOCAL)

Beta Omega Sigma (Sophomore—Men); Delta Phi Rho Alpha (Athletic—Women); 9019 (Scholarship—Men); Iota Gamma Pi (Scientific);

Ivy (Freshman Scholarship—Women); Red Friars (Leadership—Men); Sandals (Sophomore—Women); Tombs (Athletic—Men); White Duchy (Leadership—Women).

ENGINEERING ORGANIZATIONS AND FRATERNITIES

American Institute of Electrical Engineering; American Society of Civil Engineering; American Society of Mechanical Engineers; Delta Epsilon Sigma (Honorary Engineering Fraternity); Engineers' Club and Council; Engineering Town Boys' Club.

MUSICAL ORGANIZATIONS AND FRATERNITIES

Kappa Kappa Psi (National Band Fraternity); The Duke University Instrumental Music Association, comprised of members from Duke University Band, Duke University Orchestra, and chamber music groups; The Men's Glee Club; The Women's Glee Club; The University Chapel Choir; The Woman's College Orchestra; The Woman's Music Study Club.

SOCIAL FRATERNITIES (NATIONAL)

(The Men's Panhellenic Council)

Alpha Tau Omega; Beta Theta Pi; Chi Phi; Delta Sigma Phi; Delta Tau Delta; Kappa Alpha; Kappa Sigma; Lambda Chi Alpha; Phi Delta Theta; Phi Kappa Psi; Phi Kappa Sigma; Pi Kappa Alpha; Pi Kappa Phi; Sigma Alpha Epsilon; Sigma Chi; Sigma Nu; Sigma Phi Epsilon; Zeta Beta Tau.

SOCIAL SORORITIES (NATIONAL)

(The Women's Panhellenic Council)

Alpha Chi Omega; Alpha Delta Pi; Alpha Phi; Alpha Epsilon Phi; Delta Delta Delta; Delta Gamma; Kappa Alpha Theta; Kappa Delta; Kappa Kappa Gamma; Phi Mu; Pi Beta Phi; Sigma Kappa; Zeta Tau Alpha.

STUDENT PUBLICATIONS

(Publications Council)

Archive (Monthly); *Chanticleer* (Annual); *Chronicle* (Semiweekly); *Duke 'n' Duchess* (Monthly Humor).

STUDENT ACTIVITIES OFFICE

The Student Activities Office was established for the purpose of assisting and co-ordinating the financial activities of the various student organizations in Trinity College.

The office offers to student organizations a banking service through the Office of the University Treasurer.

There is no charge for this service.

The Student Activities Office, co-operating with the University Purchasing Department, also serves in the capacity of purchasing agent for its affiliated student organizations. Problems of a general nature having to do with extracurricular activities may be discussed with this office.

THE GRADUATE SCHOOL
OF ARTS AND SCIENCES

CALVIN BRYCE HOOVER, A.B., PH.D., LITT.D.
Dean

1941-1942
ANNOUNCEMENTS FOR 1942-1943

GRADUATE INSTRUCTION IN DUKE UNIVERSITY

ADMISSION

TO GRADUATE COURSES

A student who has received the A.B. or B.S. degree for a four-year undergraduate course may be admitted to take graduate courses in the Graduate School of Arts and Sciences of Duke University, provided that his undergraduate record gives positive evidence of ability to undertake graduate study successfully. An average grade of not less than "B" is ordinarily accepted as evidence of such ability.

No college or university work taken before the Bachelor's degree is conferred, or fully earned, may be credited toward an advanced degree except under the following circumstances: A student of Duke University who lacks at the beginning of a term not more than nine semester hours of fulfilling the requirements for the Bachelor's degree may obtain permission from the Dean of the Graduate School to take during the term graduate courses sufficient to bring his total work to fifteen hours a week. Such graduate courses will be credited toward the degree of Master of Arts or Master of Education if registered in the Graduate School Office at the beginning of the term and if the student meets the requirements below for formal admission to the Graduate School.

A candidate for admission to graduate courses should ask the proper officer of the college(s) he attended to send directly to the Dean of the Graduate School an official transcript of his undergraduate record. An advanced student should provide also a transcript of the graduate work he has completed. In no case will a transcript presented by the candidate himself be accepted as a basis for admission, nor will a transcript mailed by any institution be returned to the student. An application blank for admission will be provided upon request to the Dean of the Graduate School. The transcript and application should be submitted to the Graduate School by September 1 for admission in the autumn semester and by January 15 for admission in the spring semester.

TO THE GRADUATE SCHOOL

After twelve semester hours of graduate work, the student may apply for admission to the Graduate School, and thus become a candidate for the Master's degree. Such admission is dependent upon the fulfillment of two conditions. (1) The student must have made a mark of "G" or "Good" in at least three semester hours of work, with no mark less than "S." Candidates who cannot meet this condition may at a later time submit their records for re-evaluation, provided that in their subsequent work they shall have made a substantial number of "G's." (2) The student in his undergraduate work must have met substantially the requirements for the A.B. or B.S. degree at Duke University. Any deficiencies

of undergraduate work must be satisfied before admission to the Graduate School. Graduate courses taken at Duke University prior to formal admission to the Graduate School will count toward a higher degree provided they are in accord with its requirements and are acceptable to the major department. A graduate student may be requested to withdraw from the University at the discretion of the Dean of the Graduate School.

REGISTRATION

A student who is admitted to graduate courses will receive a permit to register, which he should present when he registers for courses. If he expects to work toward an advanced degree, he must consult with the Director of Graduate Studies or his representative in the department in which he proposes to major before registering his courses in the Graduate School Office. This can be done during the registration period in September and January. The department concerned will determine whether a student is prepared to take any particular course. In all cases the student must make up without credit toward a graduate degree all prerequisites required by the major department of candidates for advanced degrees. Students who have fulfilled the minimum residence requirements for the doctorate but who are continuing resident study at Duke University for the degree should register in the Graduate School Office, even though there may be no fees to be charged.

New students are advised to arrive early during the registration period in order to formulate their programs. *Anyone registering for courses after the close of the regular registration period will be charged a late registration fee of five dollars.*

TUITION AND FEES

GENERAL FEES IN THE ACADEMIC YEAR

The following table shows the general fees and charges collected from all students and the special fees collected from those taking courses in the sciences. All fees for each semester are due and payable, unless otherwise specified, at the time of registration at the beginning of that semester. No student is admitted to classes until arrangements have been made with the Treasurer of the University for the settlement of fees.

Matriculation, per semester.....	\$ 25.00
Tuition, per semester.....	100.00
Room-rent—See detailed statement that follows.	
Athletic Fee, admitting students to all athletic contests held on the University grounds, per semester.....	5.00
Damage Fee, payable annually in September.....	1.00
Medical Fee, per semester.....	5.00
Library Fee, per semester.....	5.00
Commencement Fee, payable once by graduate students in the last semester before a degree is conferred.....	3.00
Diploma Fee, payable by candidates for degrees at the beginning of the second semester, refunded if the diploma is not awarded.....	5.00

For further information concerning room-rent, see below.

SPECIAL FEES

Graduate students in the sciences are required to pay the regular laboratory fees for courses as determined by the various departments. An administrative fee is charged in connection with special research work in the summer under direction of a member of the Faculty.

STUDENTS FROM THE UNIVERSITY OF NORTH CAROLINA GRADUATE SCHOOL

Under an experimental plan of co-operation between the University of North Carolina and Duke University, regular students from the University of North Carolina Graduate School admitted to courses in the Duke University Graduate School pay a registration fee of two dollars and any laboratory or special course fees which are required of all students.

TRANSCRIPTS

A student desiring to transfer from Duke University to another institution is entitled to one free transcript of his record. A charge of one dollar, payable in advance, is made for each additional copy. Transcripts of students who enroll in graduate courses only in the summer sessions are issued by the Summer Session Office prior to the fulfillment of all requirements toward an advanced degree, after which time they can be obtained in the regular way from the Graduate School.

PAYMENTS TO FELLOWS, SCHOLARS, AND GRADUATE ASSISTANTS

Payments by the University of stipends to fellows, scholars, and graduate assistants are made in four equal installments on November 25, January 25, March 25, and May 25.* Tuition and fees are charged against the stipends.

Fellows and scholars are required to pay the regular tuition and fees and are expected to take a full program of work. Assistants who are permitted to register for only four fifths of a regular program are charged a proportionate amount of the tuition in addition to the regular matriculation and other minor fees.

SPECIAL CHARGES FOR TEACHERS AND OTHERS

For the purpose of aiding North Carolina teachers in their professional preparation, Duke University grants a special tuition rate to members of the faculties of near-by schools and colleges who desire to register during the regular academic session for one or two graduate courses. For such courses a teacher regularly employed and teaching while taking these courses is charged a registration fee of five dollars at the beginning of each semester and a tuition fee of three dollars per semester hour of course credit, together with any laboratory fees which may be required in these courses. Under this provision a student may not register for more than seven hours per week.

Employees of Duke University who are paid on a monthly basis throughout the year, ministers of near-by churches, and wives of the

* This date of payment will be adjusted to accord with the advancement in the date of Commencement.

Duke Faculty may be included under the above provisions by the Dean of the Graduate School, provided that such persons do not receive residence credit in any semester for more than two fifths of a regular program in meeting the requirements for advanced degrees.

The special tuition rate for teachers does not apply in any case to the holders of fellowships, graduate scholarships, and graduate assistantships annually awarded in the Graduate School nor to teachers on leave of absence and not actually engaged in their teaching at the time of registration.

FELLOWSHIPS, SCHOLARSHIPS, AND ASSISTANTSHIPS

For the assistance and encouragement of graduate students of high character and marked ability, the University has established a considerable number of fellowships and scholarships. Holders of fellowships and scholarships will be expected to pay the tuition fee and such additional fees as are regularly required. Applications for these appointments should be received on or before March 1 of each year. In case vacancies occur, applications submitted on a later date will be considered. Appointments which were offered for the year 1942-43 are listed below.

FELLOWSHIPS

One Angier Duke Memorial Fellowship of one thousand dollars.

Twenty-two university fellowships with stipends varying from six hundred to eight hundred and fifty dollars each.

One Gurney Harriss Kearns Fellowship in Religion of seven hundred dollars.

Fellows will be required to give a limited amount of assistance in reading papers, in laboratories, or in other departmental duties. All fellows carry a full program of graduate work.

GRADUATE SCHOLARSHIPS

Twenty-five graduate scholarships with stipends varying from four hundred to four hundred and fifty dollars each.

Scholars may be asked to give a limited amount of assistance in departmental work. They normally carry a full program of graduate studies.

CHARLES W. HARGITT RESEARCH FELLOWSHIP IN ZOOLOGY

The Charles W. Hargitt Research Fellowship in Zoology, carrying a stipend of \$1,000, is restricted to research work in the field of *Cytology*. Appointment is for a single year, with the possibility of reappointment. The fellowship is primarily for post-doctoral research, though it may be applied to pre-doctoral work in rare cases. Inquiries and applications should be made to Dr. George T. Hargitt, Biology Building, Duke University, Durham, North Carolina.

FELLOWSHIPS AND GRADUATE SCHOLARSHIPS IN FORESTRY

Information regarding special fellowships and graduate scholarships in forestry may be obtained before March 1, 1942, from the Dean of the School of Forestry, Duke University, Durham, North Carolina.

APPOINTMENTS AS GRADUATE ASSISTANTS

A considerable number of appointments as teaching assistants or readers will be available for graduate students. The compensation will usually range from \$300 to \$700, depending upon the nature and amount of the work assigned. Assistants receiving \$500 or more will be registered for four fifths of a normal program of studies.

Information regarding fellowships, graduate scholarships, and graduate assistantships, together with application blanks, may be obtained from the Dean of the Graduate School, Duke University, Durham, North Carolina.

SIGMA XI PRIZE AWARDS

The Society of Sigma Xi offers each year a prize of \$20 for a Master's thesis or its equivalent and one of \$40 for a Ph.D. dissertation or its equivalent in the fields of Botany, Chemistry, Forestry, Mathematics, Medicine, Physics, Psychology, and Zoology. The student must be in residence during the academic year in which the prize is awarded. Students holding graduate appointments are eligible to compete, but instructors, part-time instructors, and interns are not eligible. The department concerned makes the nomination. Full particulars may be obtained from the secretary of the chapter, Dr. Donald S. Martin, Duke Hospital.

ADVANCED DEGREES

The degrees offered in the Graduate School of Arts and Sciences are Master of Arts (A.M.), Master of Education (M.Ed.), and Doctor of Philosophy (Ph.D.). Most departments of the University are now prepared to give a full program of work leading to the degree of Doctor of Philosophy.

THE LIBRARIES

The total number of volumes in the University Libraries on June 30, 1942, was 632,327 volumes. These are distributed among four main units: the General Library with 474,104 volumes; the Hospital (Medical) Library, 38,680 volumes; the Library of the Law School, 68,202 volumes; and the Woman's College Library, 50,063 volumes.

The work of students in the Graduate School is carried on primarily in the General Library. A Graduate Reading Room, which contains the reference material most in demand, provides a quiet and convenient place for study. Graduate students are also admitted freely to the stacks. Within the stacks are located 108 carrells or desks which are assigned on an annual basis, preference being given to students in the Graduate School. To facilitate work in the natural sciences, the General Library maintains departmental libraries adjacent to laboratories for the Depart-

ments of Chemistry, Physics, and Biology. A departmental library is also maintained for the Divinity School.

In the field of mathematics and the sciences particular attention has been given to securing files of important journals and serials. A check-list of all scientific periodicals and serials on the University campus shows a total of approximately 2,200 files in a more or less complete form. The total number of current periodicals received by subscription, exchange, and gift in 1940-41 was 3,411, exclusive of duplicates.

In the field of the social sciences and the humanities every effort has been made to secure the basic collections of source material as well as the more important publications of criticism and discussion. This has been done by the acquisition of such sets as the *Die Griechischen Christlichen Schriftsteller der ersten drei Jahrhunderte*, *Corpus Scriptorum Ecclesiasticorum Latinorum*, Migne's *Patrologia*, the *Corpus Scriptorum Historia Byzantiae*, the *Monumenta Germaniae Historica*, the *Acta Sanctorum*, the *Corpus Reformatorum*, the catalogs of the manuscript collections of the larger European libraries, complete files of the publications of the League of Nations, the International Labor Office, and many others. The endeavor to select the more important items in the various fields of graduate work has been supplemented by the purchase of a number of special collections and libraries. Among the more important of these might be mentioned a Peruvian library of approximately seven thousand books and manuscripts; a library of several thousand volumes dealing with Brazil; the recently acquired Robertson library of Philippiniana; the Lanson Collection of French literature consisting of twelve thousand books and monographs; a Goethe collection of one thousand volumes; a Scandinavian collection of three thousand volumes; a collection of about five thousand items of early Americana, dating from the seventeenth century to 1820; the Holl church history library dealing primarily with the period of the Reformation; a collection of many thousands of church minutes and records of American denominational history; two collections of eighteenth-century English poetry and prose totaling about five thousand items; two special collections, one dealing primarily with Byron and the other with Coleridge, containing a number of manuscripts, annotated copies, and first editions; a collection of material on the Fourier movement; and the Thomas Collection of books on Chinese history and culture. Special mention should be made of the George Washington Flowers Collection of manuscripts, books, newspapers, and pamphlets dealing with all phases of Southern history.

PUBLIC DOCUMENTS

The importance of public documents as fundamental source materials for the social sciences and as containing also some of the most important work in the field of applied science is being clearly recognized, and an excellent start has been made toward a comprehensive collection of this material. The Library has been a depository for Federal documents since 1890. State documentary publications are also being systematically collected in co-operation with the University of North Carolina. Of Euro-

pean public documents a representative collection has been secured. Among the more notable items might be mentioned the *British Parliamentary Papers* (since 1925), *Calendar of State Papers*, the *Acts of the Privy Council*, *Hansard's Debates*, the *Débats Parlementaires* of the French Senate and Chamber of Deputies, the *Journal Officiel de la République Française*, the *Bulletin des Lois de la République Française*, the *Reichsgesetzblatt*, the *Verhandlungen des Reichstages*, the *Atti* of the Italian Parliament, and the *Diario* of the Spanish *Cortes*. The public documents of the Latin-American countries, especially Argentina, Brazil, Chile, and Peru, form one of the strongest units of the Library.

Under this heading should be mentioned also the library of Professor Louis Strisower, Sometime President of the Institut de Droit International, which contains approximately five thousand volumes dealing with international law. The volumes date from the seventeenth century to the present and contain some especially valuable periodical files and rare books.

PUBLICATIONS OF EUROPEAN ACADEMIES

The Duke University Library has the publications of many of the European academies, containing monographs in most of the fields of knowledge and constituting important sources for the research programs of graduate students and Faculty. The sets comprise about two thousand volumes and include *Preussische Akademie der Wissenschaften* (Berlin); *Gesellschaft der Wissenschaften zu Göttingen*; *Sächsische Akademie der Wissenschaften* (Leipzig); *Bayerische Akademie der Wissenschaften* (Munich); *Heidelberger Akademie der Wissenschaften*; *Académie der Wissenschaften* (Vienna); *Académie des sciences* (Paris); *Académie des inscriptions et belles-lettres* (Paris); *Académie des sciences morales et politiques* (Paris); *Accademia nazionale dei lincei*; *Accademia pontificia dei nuova lincei* (Rome); *Real academia española* (Madrid); *Academia de la historia* (Madrid); *Akademia nauk* (Leningrad); *Dansk videnskaberne selskab* (Copenhagen); *Norsk videnskapsakademi i Oslo*; *Akademie van Wetenschappen* (Amsterdam); *Académie royale des sciences, des lettres et des beaux-arts de Belgique* (Brussels); *Akademiya umiejetnosci* (Krakow).

NEWSPAPERS

The Library collection of newspapers contains around twelve thousand volumes. Practically all states of the Union are represented, although the major part of the collection is from along the Atlantic seaboard. Of the eighteenth-century items, the states best represented are Massachusetts, Maryland, New York, Rhode Island, Virginia, North Carolina, South Carolina, and Georgia. There is an excellent collection of nineteenth-century New England papers. There are especially long runs of the *New York Herald*, *New York Times*, *New York Tribune*, and the *London Times*. The World War period is unusually strong with about twenty-eight titles practically complete for 1914-19. There is a group of papers from Germany in the years just after the World War. Special

emphasis has been placed on the Southern States, and there are numerous volumes of papers from North Carolina, South Carolina, and Virginia, representing the Colonial period, the Ante-Bellum period, and the Civil War period. The current subscription list of eighty-five titles represents American public opinion and contains nineteen important foreign titles.

MANUSCRIPTS

The manuscript collection now contains approximately 690,000 pieces. Outstanding items include one notable Greek manuscript of the thirteenth century containing the entire New Testament. There is an interesting body of Rossetti material and a number of Tennyson letters. For the most part, however, the collection relates to the South Atlantic region. The field of American literature is represented by the papers of Paul Hamilton Hayne, Thomas Holley Chivers, William Gilmore Simms, John Esten Cooke, George Frederick Holmes, and Thomas Nelson Page. Material is most copious in the field of history, where the papers of both well-known and minor figures provide a well-rounded picture of life in the South during the nineteenth century. Aside from politics, information can be found on all phases of social and economic life. Particular attention is given to the period of the Civil War, with the result that the collection is rich in material on civic and social as well as military phases of that conflict. Of interest for historical studies are the papers of P. G. T. Beauregard, John C. Calhoun, David Campbell, John J. Crittenden, William H. Crawford, Jefferson Davis, James Mercer Garnett, Nathanael Greene, Louis M. Goldsborough, David B. Harris, William W. Holden, T. J. (Stonewall) Jackson, John M. Kell, Robert E. Lee, Francis R. Lassiter, George McDuffie, A. T. Mahan, Willie P. Mangum, Matthew Fontaine Maury, Francis W. Pickens, Richard Singleton, and Alexander H. Stephens. The manuscript collection is increasing at the rate of about fifty thousand items annually.

EXCHANGE PRIVILEGES WITH THE LIBRARY OF THE UNIVERSITY OF NORTH CAROLINA

The libraries of Duke University and of the University of North Carolina have completed arrangements for the fullest exchange of privileges and resources. Each library contains a catalogue of the contents of the other, and books requested from the other library are supplied through a delivery service which operates daily with the exception of Sundays. Faculty members and graduate students may secure cards admitting them to the stacks of the other library. The Library of the University of North Carolina contains approximately 400,000 volumes, besides a large collection of manuscripts relating to Southern history. Through this arrangement more than 1,125,000 volumes are available to students in the combined libraries.

SCIENCE LABORATORIES**BIOLOGICAL LABORATORIES**

The Biology Building on the West Campus contains three refrigerated rooms, an incineration room, a workshop, an aquarium room, five animal rooms connected with outside yards, and eight dark rooms. Special laboratories are provided for advanced work in plant and animal physiology, parasitology, cytology, taxonomy, bacteriology, ecology, histology, mycology, anatomy, embryology, endocrinology, entomology, forest soils, and wood anatomy and properties. A 300-acre arboretum is being developed adjacent to the campus with Dr. E. S. Harrar in charge. A greenhouse gives adequate space for experimental work and propagation. There is an herbarium of some fifty thousand specimens of all plant groups with a large representation of the Southern flora. Dr. H. J. Oosting is Curator of the Herbarium, and Dr. I. E. Gray is the Curator of the Zoological Museum. On the East Campus, laboratories are provided for undergraduate women, and there is a small greenhouse near the Science Building. Laboratories and rooms for students doing research are equipped with vacuum, compressed air, direct and alternating current, gas, and running water. Proper equipment and supplies for biological work are available.

The Duke Forest and its streams provide excellent collecting grounds. The Duke Forest is under the management of the School of Forestry. Duke University is situated in the Piedmont region, between the mountains and the coastal plains. This gives easy access to a varied flora and fauna. North Carolina is the home of the tulip poplar, holly, rhododendron, mountain laurel, flowering dogwood, several species of insect-catching plants, cypress, and other interesting plants. Among the animals are a varied assortment which range from marine to mountain species. In the woods about the University there is a great variety of animals.

The Duke Marine Laboratory at Beaufort, North Carolina, provides facilities for work on plants and animals in and near the ocean. It is situated on Piver's Island, adjacent to the Biological Laboratory of the United States Bureau of Fisheries. Dr. A. S. Pearse is Director.

PHYSICAL LABORATORIES

The physical laboratory contains approximately an acre of floor space which is devoted to instruction and research. In addition to the usual lecture and elementary laboratory facilities, laboratories are provided for work in electrical measurements, optics, atomic physics, and advanced measurements in general physics.

Rooms are provided for various instruments of research in spectroscopy, such as a 10-foot concave grating which is used in conjunction with a 32-meter-long stainless steel pipe for study of weak absorption; a vacuum spectograph with a 2-meter glass grating; an apparatus for the study of the Raman spectra of gases photographed with a large 3-prism glass f 2.5 glass Zeiss spectograph and various other spectroscopic instruments, such as the Hilger E-1, Moll microphotometer, etc.

Research facilities, such as counters, cloud chambers and ionization chambers, are available for the study of the properties of extremely high energy particles such as those present in the cosmic radiation.

A well-equipped shop operated by trained instrument makers makes possible the development of instructional and research apparatus. A shop is also provided for the use of the Staff and graduate students.

CHEMICAL LABORATORIES

Graduate work in chemistry is carried on in a modern building with a floor area of about 57,000 square feet. Of this total space a large proportion is available for research and advanced teaching. There are twenty-five double research rooms completely equipped with the usual services. In addition, a number of specially designed rooms are available for present or future research, such as a photographic room, constant temperature room, distillation room, combustion room, bomb room, and rooms equipped for dielectric constant and magnetic measurements.

A glass-blowing room and a well-equipped shop, operated by a competent mechanic, provide facilities for the construction of special apparatus and for the repair and maintenance of instruments.

MEDICAL SCHOOL

In the School of Medicine elaborate facilities are provided for post-graduate research in the various branches of medical science. The Departments of Anatomy, Bacteriology and Immunology, Biochemistry, and of Physiology, Pharmacology, and Nutrition offer certain courses and adequate research facilities to students in the Graduate School of Arts and Sciences. The use of the Duke Hospital Library is available to all graduate students.

THE DUKE FOREST

Through placing the Duke Forest under intensive management for forestry purposes, substantial progress has been made in developing the educational work and research in forestry. The Duke Forest consists of approximately five thousand acres of land, most of which is adjacent and easily accessible to the University campus. Situated in the lower Piedmont region, composed of second-growth shortleaf pine, loblolly pine, and hardwoods, the Forest is representative of the various types of timber growth and soils found throughout the region.

Owing to the proximity of the Forest to the laboratories, greenhouses, and library facilities of the University, an excellent opportunity exists for advanced study and research in forestry. Research, particularly in the fields of silvics, forest soils, silviculture, forest management, properties of wood, forest-tree physiology, and forest pathology, is well under way. Several members of the Botany and Zoology Staffs are also engaged on research in the Duke Forest.

For additional information see the *Bulletin of the School of Forestry*.

ENCOURAGEMENT OF RESEARCH

The President of the University appoints annually a University Council on Research. The members of this Council are chosen from the Faculties of the Schools of Medicine and Law, the Divinity School, and the Graduate School of Arts and Sciences. In May of each year the Council on Research receives written applications from members of the Faculty for subsidies to be used in the following fiscal year to aid them in carrying out research projects. Stipends are granted for the employment of research assistants, for the purchase of books and for apparatus, supplies, and equipment. Each member of the Faculty to whom a research stipend is granted must make a written report within twelve months to the Council concerning the progress of the investigation for which the stipend was allowed.

SPECIAL LECTURES

During each academic year the University Lecture Committee arranges for a number of special lectures of value to graduate students interested in various fields of knowledge. The Woman's College Lecture Series brings other guests to the campus. In addition to these lectures, a number of distinguished speakers appear each year on the programs of various schools and departments of the University.

Among the guest lecturers in 1941-42 were Mr. Charles Morgan, novelist; Mr. Harry Flannery, CBS foreign correspondent; Mr. Jan Ciechanowski, former Ambassador from Poland; Major Paul de Seversky, noted airplane designer and author; and Mr. Thomas Hart Benton, modern artist.

THE UNIVERSITY PRESS

In 1897 Trinity College began sponsoring the publication of "The Papers of the Trinity College Historical Society," which was distributed to members of the Society and on exchange to other institutions. This series was the first publishing venture of the College.

In 1902, the 9019, an honor scholastic society on the campus, sponsored the launching of *The South Atlantic Quarterly*, which was later taken over by the Press.

In 1925, after the acceptance of the indenture of trust of James B. Duke, Trinity College became Duke University, and the following year the University Press was organized as successor to the Trinity College Press, established in 1921, to publish the results of research engaged in by the Faculty and such other works as were approved by a board of editors appointed for the purpose. One of the first steps of the new organization was to revive *The Hispanic American Historical Review*, which had been founded and published from 1918 to 1922 by a group of scholars interested in Hispanic America. Since 1926 its publication has been continued without interruption and its mission has been supplemented by the publication of many studies dealing with the history, politics, and foreign relations of the Hispanic nations of the New World.

In 1929 *American Literature* was begun with the co-operation of the American Literature Group of the Modern Language Association. This journal was followed in 1931 by *Ecological Monographs*, a quarterly sponsored by the Ecological Society of America to take care of papers too long for inclusion in *Ecology*.

Character and Personality was founded in 1932 to offer a medium for the publication of studies in fields related to this phase of psychology. It appears simultaneously in the United States and Great Britain.

Besides these regular quarterly publications the Press issues "Contributions to Psychological Theory" and "Duke University Research Studies in Education," the latter sponsored by the Department of Education of the University.

In 1935 the Press started the publication of the *Duke Mathematical Journal*, with the co-operation of the Mathematical Association of America, and *The Journal of Parapsychology* (1937) for the publication of the results of research in psychoanalysis, mental telepathy, and allied studies. For the Southern Association of Colleges and Secondary Schools, the Press publishes *The Southern Association Quarterly*, official organ of the Association. The Law School issues another quarterly, *Law and Contemporary Problems*, presenting a symposium of some important legal problem in each number.

Since its organization the Press has offered to the public the products of able scholarly research to the number of more than one hundred volumes. It has not limited its scope to any one field or to any one group of authors. In addition to the many works submitted by members of the Faculty, a great number of manuscripts by authors who had no connection with the University have been issued under the imprint of the Press.

In the broadest sense, the policy of the Press is to give to the public any work which, because of the merit of its contents, its style, and its general value, deserves publication.

COURSES OF INSTRUCTION

This is a condensed description of courses. For a full description, see Bulletin of the Graduate School.

Certain undergraduate courses are open to graduate students with the approval of the department. See the Bulletin of Undergraduate Instruction.

DIVISION OF ANCIENT LANGUAGES AND LITERATURES

PROFESSOR BRANSCOMB, CHAIRMAN—101 LIBRARY; PROFESSORS PEPPLE, ROGERS, AND ROSBOROUGH; ASSOCIATE PROFESSOR STINESPRING; ASSISTANT PROFESSORS CLARK, GATES, AND WAY;
DRS. ROSE AND TRUESDALE

GREEK

FOR SENIORS AND GRADUATES

- 201-202. Greek Tragedy.—6 s.h. PROFESSOR PEPPLE
- 203-204. Homer.—*Odyssey*. Pindar and Bacchylides. 6 s.h. DR. TRUESDALE
- 205-206. Greek Historians.—6 s.h. PROFESSOR PEPPLE
- 207-208. Greek Orators.—6 s.h. ASSISTANT PROFESSOR WAY
- 209-210. Plato.—*Symposium*, *Protagoras*, and parts of the *Republic*. 6 s.h. ASSISTANT PROFESSOR WAY
- 211-212. Aristophanes.—6 s.h. PROFESSOR PEPPLE
(Only one of the six courses listed above is offered each year.)
243. Athenian Topography.—3 s.h. ASSISTANT PROFESSOR WAY
244. Greek Epigraphy.—3 s.h. ASSISTANT PROFESSOR WAY
245. Greek Dialects.—3 s.h. ASSISTANT PROFESSOR WAY
246. Greek Historical Inscriptions.—3 s.h. ASSISTANT PROFESSOR WAY
- 247-248. Greek Archaeology.—6 s.h. ASSISTANT PROFESSOR WAY
(Of the courses numbered from 243 to 248, only two semester-courses are offered each year.)
257. Social and Cultural History of the Hellenistic World from Alexander to Augustus.—3 s.h. DR. TRUESDALE
[Not offered in 1942-43]

FOR GRADUATES

The more advanced work of the graduate department is done in the seminar. One author or group of authors forms the center of study each year. Seminars are offered in Aristophanes (301-302), The Greek Historians (303-304), The Attic Orators (305-306), and The Greek Tragic Poets (307-308). These run through a cycle of four years. In 1942-43 the work will be:

- 303-304.—Seminar in the Greek Historians.—6 s.h. PROFESSOR PEPPLE

Graduate students of Duke University may attend the American School of Classical Studies in Athens, Greece, without charge for tuition, and they are eligible to compete for the fellowships that are offered annually by the School. These consist of two fellowships in Greek archaeology, and one in the language, literature, and history of ancient Greece, each with a stipend of \$1,300. They are awarded mainly on the basis of examinations held in the beginning of February of each year.

LATIN AND ROMAN STUDIES

FOR SENIORS AND GRADUATES

201. Roman Fiction.

[Not offered in 1942-43]

202. Latin Christian Writers.

[Not offered in 1942-43]

203-204. Roman Epic: Ennius, Vergil, Manilius, Lucan, Flaccus, Statius, Silius.—*Not offered if 205-206 is given.* 6 s.h. ASSISTANT PROFESSOR GATES

205-206. Roman Drama: Plautus, Terence, Seneca.—6 s.h.

ASSISTANT PROFESSOR GATES

207-208. Roman Philosophy.

[Not offered in 1942-43]

209-210. Vulgar Latin: Introduction to Romance Philosophy.—6 s.h.

PROFESSOR ROSBOROUGH

211-212. Roman Oratory.—6 s.h.

PROFESSOR ROGERS

215. Introduction to Roman Art and Archaeology.

[Not offered in 1942-43]

216. Topography and Monuments of Ancient Rome.

[Not offered in 1942-43]

251-252. Roman Life.

[Not offered in 1942-43]

258. Social and Cultural History of the Graeco-Roman World.—3 s.h.

[Not offered in 1942-43]

PROFESSOR ROGERS

281-282. Roman Historical Literature.

[Not offered in 1942-43]

283-284. Roman Law.

[Not offered in 1942-43]

FOR GRADUATES

309-310. Sight Reading and Composition.—6 s.h.

PROFESSOR ROSBOROUGH AND DR. ROSE

311-312. Latin Epigraphy.—6 s.h.

PROFESSOR ROSBOROUGH

Seminars: Various authors or historical periods are selected from year to year as a basis for training in criticism and research. Seminars are offered in the following: Catullus (301-302), Roman Historians (331-332), Roman Provincial Administration (341-342), The Reign of Tiberius (343-344), Martial (351-352), Horace (361-362), Lucretius (371-372), and Cicero's Public Career (391-392). The seminars planned for 1942-43 are:

343-344. The Reign of Tiberius.—6 s.h.

PROFESSOR ROGERS

371-372. Lucretius.—6 s.h.

PROFESSOR ROSBOROUGH

LINGUISTICS

FOR GRADUATES

375-376. Greek and Latin Linguistics.—6 s.h.

PROFESSOR ROSBOROUGH AND DR. ROSE

385-386. Elementary Sanskrit.—6 s.h.

DR. ROSE

SEMITICS

FOR SENIORS AND GRADUATES

O.T. 201-202. First Hebrew.—6 s.h.

ASSOCIATE PROFESSOR STINESPRING

FOR GRADUATES

O. T. 304. Aramaic.—3 s.h.

ASSOCIATE PROFESSOR STINESPRING

O. T. 305-306. Elementary Arabic.—6 s.h.

[Not offered in 1942-43]

ASSOCIATE PROFESSOR STINESPRING

O. T. 307-308. Second Hebrew.—6 s.h.

ASSOCIATE PROFESSOR STINESPRING

O. T. 309. History of the Ancient Near East.—3 s.h.

ASSOCIATE PROFESSOR STINESPRING

N. T. 316. Judaism at the Beginning of the Christian Era.—3 s.h.

PROFESSOR BRANSCOMB

RELATED COURSES IN OTHER DEPARTMENTS

Philosophy 217. Philosophy of Aristotle.—3 s.h.

DR. McLARTY

Religion 218. Galatians and I Corinthians.—3 s.h.

[Not offered in 1942-43]

ASSISTANT PROFESSOR CLARK

Religion 316. Hellenistic Religions at the Beginning of the Christian Era.—3 s.h.

ASSISTANT PROFESSOR CLARK

Religion 318. Text of the New Testament.—3 s.h.

ASSISTANT PROFESSOR CLARK

BOTANY

PROFESSOR BLOMQUIST, CHAIRMAN—203 BIOLOGY BUILDING; PROFESSOR WOLF,
 DIRECTOR OF GRADUATE STUDIES—315 BIOLOGY BUILDING; ASSOCIATE
 PROFESSORS ADDOMS, HARRAR, AND KRAMER; ASSISTANT
 PROFESSORS OOSTING AND PERRY; DR. ANDERSON

FOR SENIORS AND GRADUATES

202. Genetics.—Prerequisites: one year of botany, zoology, or equivalent,
and college algebra. 4 s.h.

ASSISTANT PROFESSOR PERRY

203. Plant Cytology.—Prerequisite: two years of botany. 4 s.h.

DR. ANDERSON

204. Advanced Plant Anatomy.—Prerequisite: Botany 55 or equivalent.
4 s.h.

ASSOCIATE PROFESSOR ADDOMS

216. Botanical Microtechnique.—Prerequisite: three semesters of botany.
4 s.h.

DR. ANDERSON

[Not offered in 1942-43]

221. Structure and Classification of Fungi.—Prerequisite: two years of
botany. 4 s.h.

PROFESSOR WOLF

225-226. Special Problems.—Credits to be arranged.

(a) Bacteriology, Mycology, and Plant Pathology. PROFESSOR WOLF

(b) Cytology. DR. ANDERSON

(c) Ecology. ASSISTANT PROFESSOR OOSTING

(d) Genetics. ASSISTANT PROFESSOR PERRY

(e) Morphology and Anatomy of Higher Plants.
ASSOCIATE PROFESSORS ADDOMS AND KRAMER
ASSISTANT PROFESSOR OOSTING

(f) Morphology and Taxonomy of Lower Groups.
PROFESSOR BLOMQUIST AND DR. ANDERSON

(g) Physiology. ASSOCIATE PROFESSORS ADDOMS AND KRAMER

(h) Plant Microchemistry. ASSOCIATE PROFESSOR ADDOMS

(i) Taxonomy of Higher Groups. ASSISTANT PROFESSOR OOSTING

252. Advanced Plant Physiology.—Prerequisite: Botany 151 or equivalent; organic chemistry recommended. 4 s.h.
[Not offered in 1942-43] ASSOCIATE PROFESSOR KRAMER

255. Advanced Taxonomy.—Prerequisite: two years of botany, including Botany 52 or equivalent. 4 s.h.
PROFESSOR BLOMQUIST

256. Field Ecology.—Prerequisites: Botany 1, 2 and 52, or equivalent. 4 s.h.
ASSISTANT PROFESSOR OOSTING

FOR GRADUATES

305. Plant Geography.—Prerequisite: Botany 156 or equivalent. 4 s.h.
ASSISTANT PROFESSOR OOSTING

310. Structure and Classification of Bryophytes and Pteridophytes.—Prerequisite: two years of botany. 4 s.h.
[Not offered in 1942-43] PROFESSOR BLOMQUIST

311. Structure and Classification of Algae.—Prerequisite: two years of botany. 4 s.h.
PROFESSOR BLOMQUIST

341. Methods in Plant Physiology.—4 s.h. ASSOCIATE PROFESSOR KRAMER

342. Plant Microchemistry.—2 s.h. ASSOCIATE PROFESSOR ADDOMS
[Not offered in 1942-43]

359-360. Research in Botany.—Credits to be arranged. STAFF

397-398. General Botanical Seminar.—2 s.h. STAFF

FOREST BOTANY

FOR SENIORS AND GRADUATES

224. Forest Pathology.—Prerequisites: Botany 1, 2, 3 or 4 s.h.
PROFESSOR WOLF

253-254. Dendrology.—Prerequisite: one year of botany. 4 s.h.
ASSOCIATE PROFESSOR HARRAR

RELATED COURSES IN OTHER DEPARTMENTS

These related courses may be counted toward a major in botany.

Forestry 257. Design of Forestry Experiments and Analysis of Data.—
5 s.h. PROFESSOR SCHUMACHER

Zoology 341. Historical and Philosophical Zoology.—2 s.h.
PROFESSOR HARGITT

CHEMISTRY

PROFESSOR GROSS, CHAIRMAN AND DIRECTOR OF GRADUATE STUDIES—219 CHEMISTRY
BUILDING; PROFESSORS BIGELOW, LONDON, VOSBURGH, AND WILSON;
ASSOCIATE PROFESSOR HAUSER; ASSISTANT PROFESSORS BROWN,
HILL, AND SAYLOR; DRs. BRADSHER AND HOBBS

FOR SENIORS AND GRADUATES

215-216. Advanced Inorganic Chemistry.—Prerequisites: Chemistry 70 and
151-152. Chemistry 261-262, Physics 59-60 or 213-214, and ability to read Ger-
man are desirable. 6 s.h.

PROFESSOR VOSBURGH AND ASSISTANT PROFESSOR HILL
[Not offered in 1942-43]

233-234. Instrumental Analysis.—Prerequisites: Chemistry 70 and 261-262.
2 s.h. PROFESSOR VOSBURGH AND ASSISTANT PROFESSOR SAYLOR

236. Theory of Analytical Chemistry.—Prerequisites: Chemistry 70 and
261-262. 1 s.h. PROFESSOR VOSBURGH

241. Physiological Chemistry.—Prerequisites: Chemistry 70 and 151-152.
Course 261-262 is desirable though not required. 4 s.h. PROFESSOR WILSON

242. Metabolism.—Two lectures, credit 2 s.h., and 6 laboratory hours,
credit 2 s.h. 4 s.h. PROFESSOR WILSON

253-254. Advanced Organic Chemistry.—Prerequisites: Chemistry 151-152
or equivalent and a reading knowledge of German. 6 or 8 s.h.

PROFESSOR BIGELOW, ASSOCIATE PROFESSOR HAUSER, AND
ASSISTANT PROFESSOR BROWN

261-262. Physical Chemistry.—Prerequisites: Chemistry 70, 151-152,
Physics 1-2 or equivalent, and Mathematics 8 or 51-52 are required except by
special permission of the Department. 6 s.h.

PROFESSOR GROSS, ASSISTANT PROFESSOR SAYLOR, AND DR. HOBBS

265-266. Chemical Physics. Statistical Theory, Principles and Applica-
tions.—8 s.h. PROFESSOR LONDON

267-268. Chemical Physics. Theoretical Aspects of Atomic and Molecular
Structure.—8 s.h. PROFESSOR LONDON

271. Introduction to Research.—1 s.h.
PROFESSORS BIGELOW, GROSS, AND VOSBURGH

273-274. Seminar.—2 s.h.
PROFESSORS BIGELOW, GROSS, AND VOSBURGH; ASSOCIATE PROFESSOR
HAUSER; ASSISTANT PROFESSORS BROWN, HILL, AND SAYLOR;
DRs. BRADSHER AND HOBBS

275-276. **Research.**—3 or 6 s.h.

PROFESSORS BIGELOW, GROSS, LONDON, AND VOSBURGH; ASSOCIATE
PROFESSOR HAUSER; ASSISTANT PROFESSORS BROWN, HILL,
AND SAYLOR; DRs. BRADSHER AND HOBBS

FOR GRADUATES

303. **Thermodynamics.**—3 s.h.

PROFESSORS GROSS AND SPONER

304. **Chemical Thermodynamics.**—3 s.h.

PROFESSORS GROSS AND VOSBURGH, AND ASSISTANT PROFESSOR SAYLOR

351-352. **Advanced Synthetic Organic Chemistry.**—2 s.h.

PROFESSOR BIGELOW AND ASSOCIATE PROFESSOR HAUSER

363-364. **Advanced Physical Chemistry.**—Prerequisites: Chemistry 261-262
or its equivalent and calculus. 6 s.h.

PROFESSORS GROSS AND VOSBURGH; ASSISTANT PROFESSORS
HILL AND SAYLOR, AND DR. HOBBS

RELATED COURSES IN OTHER DEPARTMENTS

BIOCHEMISTRY

M241. **General Biochemistry.**—Prerequisites: general chemistry, organic
chemistry, elementary physical and analytical chemistry, and at least one
year of college biology. 6 s.h. DRs. PERLZWEIG AND TAYLOR, AND STAFF

M242. **Biochemical Preparations.**—Prerequisite: Biochemistry M241. 2 s.h.
DR. TAYLOR AND STAFF

M243-244. **Physical Chemical and Colloid Chemical Principles of Bio-
chemistry.** DR. NEURATH

M341. **Pathological Chemistry.**—Prerequisites: Biochemistry M241 and
Physiology M261-2. DRs. PERLZWEIG, TAYLOR, AND M. L. C. BERNHEIM

M343. **Immunochemistry.**—2 s.h. DRs. MARTIN AND NEURATH

M345. **Biological Oxidations.**—2 s.h. DR. COOLIDGE AND STAFF

ECONOMICS

PROFESSOR HOOVER, CHAIRMAN—103 ADMINISTRATION BUILDING; PROFESSOR
HAMILTON, DIRECTOR OF GRADUATE STUDIES—503 LIBRARY; PROFESSORS
SPENGLER AND VON BECKERATH; ASSOCIATE PROFESSORS BLACK,
DE VYVER, AND RATCHFORD; ASSISTANT PROFESSORS
LESTER, SPRINGER, AND WELFLING

FOR SENIORS AND GRADUATES

217. **Population Problems and Resources.**—3 s.h. PROFESSOR SPENGLER

218. **Business Cycles.**—3 s.h.
ASSISTANT PROFESSORS LESTER AND WELFLING

230. **Public Debts in the United States.**—3 s.h.
ASSOCIATE PROFESSOR RATCHFORD

231. **The Economic History of Modern Europe.**—3 s.h.
PROFESSOR HAMILTON

232. **The Economic History of the United States.**—3 s.h.
PROFESSOR HAMILTON

233. **State and Local Finance.**—3 s.h. ASSOCIATE PROFESSOR RATCHFORD
234. **Federal Finance.**—3 s.h. ASSOCIATE PROFESSOR RATCHFORD
- 237-238. **Statistical Methods.**—Prerequisite: Economics 138 or consent of the instructor. 6 s.h. ASSISTANT PROFESSOR SPRINGER
239. **Prices.**—3 s.h. PROFESSOR HAMILTON
- 241-242. **Value and Distribution.**—6 s.h. PROFESSOR SPENGLER
245. **Problems of Modern Industrialism.**—3 s.h. PROFESSOR VON BECKERATH
253. **Labor Problems.**—3 s.h. ASSOCIATE PROFESSOR DE VYVER
256. **Labor Legislation.**—3 s.h. ASSOCIATE PROFESSOR DE VYVER
[Not offered in 1942-43]
260. **Social Insurance.**—3 s.h. ASSOCIATE PROFESSOR DE VYVER
265. **International Trade and Tariff Policies.**—3 s.h.
PROFESSOR VON BECKERATH
266. **International Finance.**—3 s.h. PROFESSOR HAMILTON
[Not offered in 1942-43]
268. **Competitive versus Monopolistic Enterprise.**—3 s.h.
PROFESSOR VON BECKERATH
270. **Economics of War.**—3 s.h.
PROFESSORS HAMILTON AND VON BECKERATH
- 275-276. **Advanced Industrial Accounting and Management.**—Courses 57-58 and 105 are ordinarily prerequisites for this course. 6 s.h.
[Not offered in 1942-43] ASSOCIATE PROFESSOR BLACK

FOR GRADUATES

- 311-312. **History of Political Economy.**—6 s.h. PROFESSOR HAMILTON
- 313-314. **Seminar in Economic Theory.**—Prerequisite: Economics 241-242 or its equivalent. 6 s.h. PROFESSOR HOOVER
315. **Economic Systems.**—Credit for this course will be given only if the student takes Economics 316. 3 s.h. PROFESSOR HOOVER
316. **Economic Functions of the State.**—Prerequisite: Economics 315 or its equivalent. 3 s.h. PROFESSOR HOOVER
318. **General Seminar in Economics.** STAFF

RELATED COURSES IN OTHER DEPARTMENTS

Attention is called to the following courses in related departments:

- Forestry 279. **Economics of Forestry.**—3 s.h.
ASSOCIATE PROFESSOR THOMSON
- History 219-220. **The History of the European Proletariat.**—6 s.h.
PROFESSOR CARROLL
- Political Science 207. **American Constitutional Law and Theory.**—3 s.h.
PROFESSOR WILSON

EDUCATION

PROFESSOR HOLTON, CHAIRMAN—104 PAGE AUDITORIUM; PROFESSOR BROWNELL, DIRECTOR OF GRADUATE STUDIES—1C WEST DUKE BUILDING; PROFESSORS CARR, CHILDS, AND PROCTOR; ASSOCIATE PROFESSOR SCATES; ASSISTANT PROFESSOR EASLEY

ELEMENTARY EDUCATION

FOR SENIORS AND GRADUATES

207. **Technique of Teaching.**—3 s.h. PROFESSOR CARR
[Not offered in 1942-43]
212. **Psychology of the Elementary School Subjects.**—3 s.h. PROFESSOR CARR
222. **The Curriculum and Materials of the Elementary Grades.**—3 s.h. PROFESSOR CARR
232. **Elementary School Supervision.**—3 s.h. PROFESSOR CARR
[Not offered in 1942-43]

FOR GRADUATES

305. **The Nature, Function, and Reorganization of the Curriculum.**—3 s.h. PROFESSOR CARR

EXPERIMENTAL EDUCATION AND EDUCATIONAL PSYCHOLOGY

FOR SENIORS AND GRADUATES

208. **Mental Tests and Applications.**—Prerequisite: course 258 or six semester hours of other work in educational psychology or psychology. 3 s.h. ASSISTANT PROFESSOR EASLEY
209. **Statistical Methods Applied to Education.**—2 s.h. ASSOCIATE PROFESSOR SCATES
216. **Psychological Principles of Secondary Education.**—3 s.h. PROFESSOR CHILDS
[Not offered in 1942-43]
217. **Advanced Educational Psychology.**—3 s.h. PROFESSOR BROWNELL
218. **Educational Implications of Genetic Psychology.**—Prerequisite: six semester hours of psychology or educational psychology. 3 s.h. PROFESSOR BROWNELL
219. **Experimental Education.**—3 s.h. PROFESSOR BROWNELL
227. **The Psychology of Learning: Problems.**—3 s.h. ASSISTANT PROFESSOR EASLEY
[Not offered in 1942-43]
228. **The Psychology of Learning: Theoretical and Experimental.**—Prerequisite: course 227 or its equivalent. 3 s.h. ASSISTANT PROFESSOR EASLEY
237. **Investigations in Reading.**—3 s.h. PROFESSOR CARR
247. **Investigations in Arithmetic.**—3 s.h. PROFESSOR BROWNELL
258. **Educational Measurements.**—Prerequisite: twelve semester hours in the Department, including a course in educational psychology. 3 s.h. ASSOCIATE PROFESSOR SCATES

FOR GRADUATES

- 307-308. Seminar in Educational Psychology.—4 s.h.
PROFESSOR BROWNELL AND ASSISTANT PROFESSOR EASLEY
- 309-310. Research in Educational Psychology.—3 to 6 s.h.
PROFESSOR BROWNELL
320. Advanced Educational Statistics.—3 s.h. ASSOCIATE PROFESSOR SCATES
338. Research in Reading.—3 s.h. PROFESSOR CARR
[Not offered in 1942-43]
339. Research Course in Educational Tests.—Prerequisite: the equivalent of course 258. 3 s.h. ASSOCIATE PROFESSOR SCATES
348. Research in Arithmetic.—3 s.h. PROFESSOR BROWNELL

HISTORY AND PHILOSOPHY OF EDUCATION

FOR SENIORS AND GRADUATES

200. Introduction to the Philosophy of Education.—3 s.h. PROFESSOR HOLTON
214. History of Education in the United States.—3 s.h. PROFESSOR HOLTON
[Not offered in 1942-43]
244. Studies in the Historical Development of Public School Administration.—3 s.h. PROFESSOR HOLTON
[Not offered in 1942-43]
254. History of Secondary Education in the United States.—3 s.h. PROFESSOR PROCTOR
[Not offered in 1942-43]
264. Recent Movements in American Education.—3 s.h. PROFESSOR HOLTON
[Not offered in 1942-43]
294. Comparative Education: Recent Movements in European Educational Systems.—3 s.h. PROFESSOR CARR

PUBLIC SCHOOL ADMINISTRATION

FOR SENIORS AND GRADUATES

203. Principles of School Administration.—Prerequisite: Education 103 and 58, or six semester hours of equivalent work in education. 3 s.h. PROFESSOR PROCTOR
233. Administrative Pupil-Accounting.—3 s.h. PROFESSOR PROCTOR
234. Secondary School Organization and Administration.—3 s.h. PROFESSOR PROCTOR
253. Legal Phases of School Administration.—3 s.h. PROFESSOR HOLTON
[Not offered in 1942-43]

FOR GRADUATES

323. Public School Finance.—3 s.h. PROFESSOR PROCTOR
[Not offered in 1942-43]
343. State and County School Administration.—3 s.h. PROFESSOR PROCTOR
363. City School Administration.—3 s.h. PROFESSOR PROCTOR

SECONDARY EDUCATION AND EDUCATIONAL SOCIOLOGY

FOR SENIORS AND GRADUATES

205. Curriculum Problems in Secondary Education.—3 s.h.
PROFESSOR CHILDS
206. Sociological Foundations of the Secondary School Subjects.—Pre-
requisite: six semester hours in education, including course 105. 3 s.h.
PROFESSOR CHILDS
215. Educational and Vocational Guidance.—Prerequisite: twelve semes-
ter hours in the Department, including course 105 or course 206. 3 s.h.
[Not offered in 1942-43] PROFESSOR CHILDS
225. The Teaching of History and the Social Studies.—3 s.h.
ASSISTANT PROFESSOR MANCHESTER
246. The Teaching of Mathematics.—3 s.h.
[Not offered unless justified by enrollment] PROFESSOR RANKIN
266. The Teaching of High-School French.—3 s.h. PROFESSOR WEBB

METHODOLOGY OF RESEARCH

FOR GRADUATES

300. Methods of Educational Research: Seminar.—3 s.h.
MEMBERS OF THE DEPARTMENT

RELATED COURSES IN OTHER DEPARTMENTS

FOR MAJORS IN EDUCATIONAL PSYCHOLOGY, ELEMENTARY EDUCATION,
AND SECONDARY EDUCATION

- Psychology 206. Social Psychology.—3 s.h. ASSOCIATE PROFESSOR ADAMS
- Psychology 209. Experimental Methods in Human Psychology.—4 s.h.
ASSOCIATE PROFESSOR ZENER
- Psychology 212. Physiological Psychology.—3 s.h.
ASSISTANT PROFESSOR KEMP
- Psychology 215. Developmental Psychology.—3 s.h.
ASSOCIATE PROFESSOR ADAMS
- Psychology 225. Contemporary Schools of Psychology.—3 s.h.
ASSOCIATE PROFESSOR ZENER
- Psychology 306. Seminar in Child Psychology.—2 or 3 s.h.
ASSOCIATE PROFESSOR ADAMS
- Psychology 309. Theory of Learning.—3 s.h.
ASSOCIATE PROFESSOR ADAMS
- Sociology 212. Child Welfare.—3 s.h.
[Offered in summer session, 1942] PROFESSOR JENSEN
- Sociology 213. Constructive Social Policies.—2 s.h.
[Not offered in 1942-43] PROFESSOR JENSEN
- Sociology 319. Principles of Sociology.—3 s.h. PROFESSOR ELLWOOD
- Sociology 320. History of Social Philosophy.—3 s.h. PROFESSOR ELLWOOD

FOR MAJORS IN PUBLIC SCHOOL ADMINISTRATION

Economics 230. Public Debts in the United States.—3 s.h.

ASSOCIATE PROFESSOR RATCHFORD

Political Science 209. State and Local Government in the United States.—
3 s.h. PROFESSOR RANKIN

Political Science 291. Municipal Government.—3 s.h. PROFESSOR RANKIN

Sociology 213. Constructive Social Policies.—2 s.h. PROFESSOR JENSEN
[Not offered in 1942-43]

FOR MAJORS IN HISTORY AND PHILOSOPHY OF EDUCATION

History 209-210. Constitutional History of the United States, 1763-1860.—
6 s.h. ASSISTANT PROFESSOR STILL

Philosophy 205. The Philosophy of History.—3 s.h. PROFESSOR WIDGERY

Philosophy 208. Political Philosophy.—3 s.h. ASSOCIATE PROFESSOR MORGAN

Philosophy 223. Contemporary Philosophy.—*Second semester.* 3 s.h.
[Not offered in 1942-43] PROFESSOR WIDGERY

Religion 291. Christian Ethics I.—3 s.h. PROFESSOR SMITH

Religion 292. Christian Ethics II.—3 s.h. PROFESSOR SMITH

Religion 393-394. Religious Thought in the Rise of American Culture.—
6 s.h. PROFESSOR SMITH

Sociology 319. Principles of Sociology.—3 s.h. PROFESSOR ELLWOOD

Sociology 320. History of Social Philosophy.—3 s.h. PROFESSOR ELLWOOD

ENGLISH

PROFESSOR BROWN, CHAIRMAN—204 GRAY BUILDING; PROFESSOR WHITE, DIRECTOR
OF GRADUATE STUDIES—401 LIBRARY; PROFESSORS BAUM, GILBERT, GOHDES,
HUBBELL, AND IRVING; ASSOCIATE PROFESSORS ALLEN AND WARD

FOR SENIORS AND GRADUATES

201-202. Anglo-Saxon.—6 s.h. PROFESSOR BROWN

203-204. Chaucer.—6 s.h. PROFESSOR BAUM

207-208. English Literature, 1400-1550.—6 s.h. PROFESSOR BAUM
[Not offered in 1942-43]209-210. English Literature other than Drama, 1625-1700.—6 s.h.
ASSOCIATE PROFESSOR WARD211-212. English Literature other than Drama, 1550-1625.—6 s.h.
ASSOCIATE PROFESSOR ALLEN

213-214. Folk-Lore and Folk-Songs.—6 s.h. PROFESSOR BROWN

215-216. Elizabethan Drama.—6 s.h. ASSOCIATE PROFESSOR ALLEN
[Not offered in 1942-43]

217. Spenser.—3 s.h. PROFESSOR GILBERT

218. Milton.—3 s.h.	PROFESSOR GILBERT
219-220. English Literature of the Eighteenth Century.—6 s.h.	PROFESSOR IRVING
227-228. Literary Criticism.—6 s.h.	PROFESSOR GILBERT
229-230. American Literature, 1800-1870.—6 s.h.	PROFESSOR HUBBELL
231. Special Studies in Emerson.—3 s.h. [Not offered in 1942-43]	PROFESSOR GOHDES
233-234. American Literature since 1870.—6 sh..	PROFESSOR GOHDES
239-240. Shakespeare Problems.—6 s.h. [Not offered in 1942-43]	PROFESSOR BROWN
269-270. Southern Literature and Culture.—6 s.h. [Only 269 offered in 1942-43]	PROFESSOR HUBBELL

FOR GRADUATES

303-304. Studies in Elizabethan Literature.—6 s.h.	PROFESSOR GILBERT
307-308. Southern Literature and Culture in the United States.—6 s.h. [Not offered in 1942-43]	PROFESSOR HUBBELL
313-314. Studies in the Romantic Writers of the Early Nineteenth Century.—6 s.h.	PROFESSOR WHITE
315-316. Middle English.—3 s.h. (1½ s.h. each term).	PROFESSOR BAUM
317-318. Studies in Victorian Literature.—6 s.h.	PROFESSOR BAUM
349-350. Research Courses.—6 s.h.	

All candidates for degrees are required to have credit for one of these courses or the equivalent; students who wish to elect one of these as a seminar course should consult the Director of Graduate Studies as early as possible. In 1942-43 (e), (h), and (i) are offered.

(a) Folk-Lore and the Ballad.	PROFESSOR BROWN
(b) Shakespeare Problems.	PROFESSOR BROWN
(c) English Language and Literature, 1200-1550.	PROFESSOR BAUM
(d) Victorian Literature.	PROFESSOR BAUM
(e) Elizabethan and Seventeenth-Century Literature.	PROFESSOR GILBERT
(f) Literary Criticism.	PROFESSOR GILBERT
(g) The Eighteenth Century.	PROFESSOR IRVING
(h) The Romantic Movement.	PROFESSOR WHITE
(i) American Literature.	PROFESSORS GOHDES AND HUBBELL

RELATED COURSES IN OTHER DEPARTMENTS

The attention of students of English is directed to the following courses:

German 301-302. Gothic—Middle High German.—6 s.h.	PROFESSOR VOLLMER
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- Greek 201-202. Greek Tragedy.—6 s.h.
 PROFESSOR PEPLER AND ASSISTANT PROFESSOR WAY
- History 221-222. The Age of the Renaissance.—6 s.h.
 ASSOCIATE PROFESSOR NELSON
- History 223-224. Medieval Institutions and Culture.—6 s.h.
 ASSISTANT PROFESSOR QUINN
- Philosophy 201-202. The Philosophy of Art.—6 s.h. (E)
 PROFESSOR GILBERT
- Philosophy 213-214. History of Esthetics.—6 s.h. (E)
 PROFESSOR GILBERT
 [Not offered in 1942-43]
- Psychology 202. Psychology of Esthetics.—3 s.h. PROFESSOR LUNDHOLM

FORESTRY

PROFESSOR KORSTIAN, CHAIRMAN AND DIRECTOR OF GRADUATE STUDIES—FEW
 QUADRANGLE, HOUSE GG-010; PROFESSORS BEAL, SCHUMACHER, AND WOLF;
 ASSOCIATE PROFESSORS COILE, HARRAR, KRAMER, MAUGHAN,
 AND THOMSON

FOR SENIORS AND GRADUATES

224. Forest Pathology.—Prerequisites: Botany 1 and 2, and Forestry 253-254, or equivalents. 4 s.h.
 PROFESSOR WOLF
231. Forest Entomology.—3 s.h. PROFESSOR BEAL
251. Sampling Methods in Forestry.—Prerequisite: Forestry S151. 2 s.h.
 PROFESSOR SCHUMACHER
252. Forest Mensuration.—Prerequisite: Forestry 251. 2 s.h.
 PROFESSOR SCHUMACHER
- 253-254. Dendrology.—Prerequisite: one year of botany. 4 s.h.
 ASSOCIATE PROFESSOR HARRAR
257. Design of Forestry Experiments and Analysis of Data.—5 s.h.
 PROFESSOR SCHUMACHER
259. Wood Anatomy and Properties.—Prerequisites: one year of botany and Chemistry 1 and 2, or equivalent. 3 s.h. ASSOCIATE PROFESSOR HARRAR
261. Forest Soils.—Prerequisites: Chemistry 1 and 2, and Physics 1, or equivalents; physical geology and analytical chemistry are also desirable. 3 s.h.
 ASSOCIATE PROFESSOR COILE
264. Silvics.—Desirable prerequisites: plant physiology, plant ecology, and Forestry 253-254 and 261, or equivalents. 3 s.h. PROFESSOR KORSTIAN
276. Forest Policy.—2 s.h. ASSOCIATE PROFESSOR THOMSON
279. Economics of Forestry.—Prerequisite: at least one course in the principles of economics. 3 s.h. ASSOCIATE PROFESSOR THOMSON

FOR GRADUATES

- 323-324. Advanced Forest Pathology.—Prerequisites: plant physiology and forest pathology. Credits to be arranged. PROFESSOR WOLF

351-352. **Advanced Physiology of Forest Trees.**—Prerequisites: plant physiology and plant ecology or silvics. Credits to be arranged.

ASSOCIATE PROFESSOR KRAMER

354. **Forest Soil Fertility.**—Prerequisites: Forestry 251 and 261, and plant physiology, or equivalents; bacteriology and analytical and organic chemistry are desirable. 3 s.h.

ASSOCIATE PROFESSOR COILE

356. **Economic Forces in Forestry.**—Prerequisites: Forestry 279 and 282, or equivalents; courses in economic theory are desirable. 2 s.h.

ASSOCIATE PROFESSOR THOMSON

357-358. **Research in Forestry.**—Credits to be arranged.

a. **Silvics.**—Prerequisites: Forestry 253-254, 261, and 264, or equivalents.
PROFESSOR KORSTIAN

b. **Forest Soils.**—Prerequisite: Forestry 261 or equivalent.
ASSOCIATE PROFESSOR COILE

d. **Forest Management.**—Prerequisite: Forestry 281 or equivalent.
ASSOCIATE PROFESSOR MAUGHAN

e. **Forest Economics.**—Prerequisite: Forestry 279 or equivalent.
ASSOCIATE PROFESSOR THOMSON

f. **Wood Anatomy and Properties.**—Prerequisites: Forestry 259 and 260, or equivalents.
ASSOCIATE PROFESSOR HARRAK

g. **Forest Mensuration.**—Prerequisites: Forestry S151, 251, and 252, or equivalents.
PROFESSOR SCHUMACHER

h. **Forest Entomology.**—Prerequisite: Forestry 231 or equivalent.
PROFESSOR BEAL

GERMANIC LANGUAGES AND LITERATURE

PROFESSOR VOLLMER, CHAIRMAN AND DIRECTOR OF GRADUATE STUDIES—205 PAGE AUDITORIUM; PROFESSOR KRUMMEL

FOR SENIORS AND GRADUATES

201-202. **Goethe.**—6 s.h. PROFESSOR KRUMMEL
[Not offered in 1942-43]

207-208. **German Romanticism.**—6 s.h. PROFESSOR VOLLMER
[Not offered in 1942-43]

209-210. **Kleist, Grillparzer, and Hebbel.**—6 s.h. PROFESSOR KRUMMEL

211-212. **Heinrich Heine and the Young German Movement.**—6 s.h.
PROFESSOR VOLLMER

213-214. **Literature of the Empire, 1871-1914.**—6 s.h. PROFESSOR VOLLMER

FOR GRADUATES

301-302. **Gothic.**—Middle High German.—6 s.h. PROFESSOR VOLLMER

303-304. **German Seminar.**—Credit to be arranged.
PROFESSORS VOLLMER AND KRUMMEL

RELATED COURSES IN OTHER DEPARTMENTS

History 217-218. **Europe since 1870.**—6 s.h. PROFESSOR CARROLL
[Not offered in 1942-43]

- History 221-222. The Age of the Renaissance.—6 s.h.
ASSOCIATE PROFESSOR NELSON
- History 223-224. Medieval Institutions and Culture.—6 s.h.
ASSISTANT PROFESSOR QUINN
- History 225-226. The Age of the Reformation.—6 s.h.
[Not offered in 1942-43] ASSOCIATE PROFESSOR NELSON
- Philosophy 201-202. The Philosophy of Art.—6 s.h. (E)
PROFESSOR GILBERT
- Philosophy 213-214. History of Esthetics.—6 s.h. (E)
[Not offered in 1942-43] PROFESSOR GILBERT
- Philosophy 223. Contemporary Philosophy.—3 s.h.
[Not offered in 1942-43] PROFESSOR WIDGERY
- Philosophy 244. Nietzsche and the Nineteenth Century.—3 s.h.
[Not offered in 1942-43] ASSOCIATE PROFESSOR MORGAN
- Sociology 320. History of Social Philosophy.—3 s.h. PROFESSOR ELLWOOD

HISTORY

PROFESSOR LAPRADE, CHAIRMAN AND DIRECTOR OF GRADUATE STUDIES—2B WEST
DUKE BUILDING; PROFESSORS CARROLL, CLYDE, AND SYDNOR; ASSOCIATE
PROFESSORS LANNING AND NELSON; ASSISTANT PROFESSORS
MANCHESTER, QUINN, STILL, AND WOODY

AMERICAN HISTORY

FOR SENIORS AND GRADUATES

- 209-210. Constitutional History of the United States, 1763-1860.—Pre-
requisites: courses 91 and 92. 6 s.h. ASSISTANT PROFESSOR STILL
- 215-216. Foreign Policy and Diplomacy of the United States.—6 s.h.
PROFESSOR CLYDE
230. The Portuguese Empire and the Rise of Brazil.—3 s.h.
ASSISTANT PROFESSOR MANCHESTER
231. The Hispanic Colonies of the New World.—3 s.h.
ASSOCIATE PROFESSOR LANNING
232. The Hispanic American Republics of the New World.—3 s.h.
ASSOCIATE PROFESSOR LANNING
233. The Cultural and Institutional History of Colonial Hispanic Amer-
ica.—3 s.h. ASSOCIATE PROFESSOR LANNING
[Not offered in 1942-43]
234. Political and Social Problems in the Hispanic American Republics.—
3 s.h. ASSOCIATE PROFESSOR LANNING
[Not offered in 1942-43]
- 263-264. American Colonial History and the Revolution, 1606-1783.—6 s.h.
ASSISTANT PROFESSOR WOODY
- 265-266. The Westward Movement in the United States.—6 s.h.
[Not offered in 1942-43] ASSISTANT PROFESSOR STILL
- FOR GRADUATES
304. The Union, Confederacy, and Reconstruction.—Year course. 4 s.h.
ASSISTANT PROFESSOR WOODY

315. Seminar in Southern History.—2 s.h. PROFESSOR SYDNOR
321. Seminar in the History of Spain and the Spanish American Colonies.—2 s.h. ASSOCIATE PROFESSOR LANNING
336. The South in Federal Politics, 1789-1860.—4 s.h. PROFESSOR SYDNOR
[Not offered in 1942-43]
337. Social and Economic Life of the Old South.—4 s.h. PROFESSOR SYDNOR

EUROPE AND THE FAR EAST

FOR SENIORS AND GRADUATES

- 217-218. Europe since 1870.—6 s.h. PROFESSOR CARROLL
[Not offered in 1942-43]
- 219-220. The History of the European Proletariat.—6 s.h. PROFESSOR CARROLL
- 221-222. The Age of the Renaissance.—6 s.h. ASSOCIATE PROFESSOR NELSON
- 223-224. Medieval Institutions and Culture.—6 s.h. ASSISTANT PROFESSOR QUINN
- 225-226. The Age of the Reformation.—6 s.h. ASSOCIATE PROFESSOR NELSON
[Not offered in 1942-43]
- 241-242. The United States in Eastern Asia and the Pacific.—6 s.h. PROFESSOR CLYDE
[Not offered in 1942-43]

FOR GRADUATES

305. Seminar in the History of England and the British Empire.—2 s.h. PROFESSOR LAPRADE
317. Seminar in Recent European History.—2 s.h. PROFESSOR CARROLL
325. British Nationality and Public Opinion.—4 s.h. PROFESSOR LAPRADE
327. Modern Phases of the English Constitution.—4 s.h. PROFESSOR LAPRADE
[Not offered in 1942-43]
343. Seminar in the History of American Foreign Relations and the Far East.—2 s.h. PROFESSOR CLYDE

HISTORIOGRAPHY AND THE TEACHING OF HISTORY

FOR SENIORS AND GRADUATES

211. The Teaching of History and the Social Studies.—3 s.h. ASSISTANT PROFESSOR MANCHESTER

FOR GRADUATES

320. Historiography.—4 s.h. ASSOCIATE PROFESSOR NELSON
[Not offered in 1942-43]
329. Historiography of the South.—4 s.h. ASSISTANT PROFESSOR WOODY
[Not offered in 1942-43]

RELATED COURSES IN OTHER DEPARTMENTS

- Economics 231. Economic History of Modern Europe.—3 s.h.
PROFESSOR HAMILTON
- Economics 232. Economic History of the United States.—3 s.h.
PROFESSOR HAMILTON
- Economics 311-312. History of Political Economy.—6 s.h.
- Economics 315. Economic Systems.—3 s.h. PROFESSOR HOOVER
- Economics 316. Economic Functions of the State.—3 s.h.
PROFESSOR HOOVER
- Political Science 223. Political Thought to the Seventeenth Century.—
3 s.h. | PROFESSOR WILSON
[Not offered in 1942-43]
- Political Science 224.—Modern Political Theory.—3 s.h.
[Not offered in 1942-43] PROFESSOR WILSON
- Religion 309. History of the Ancient Near East.—3 s.h.
ASSOCIATE PROFESSOR STINESPRING
- Religion 393-394. Religious Thought in the Rise of American Culture.—
6 s.h. PROFESSOR SMITH
- Sociology 237. Indians of North America.—3 s.h.
[Not offered in 1942-43] ASSOCIATE PROFESSOR GILLIN
- Sociology 238. Anthropological Backgrounds of Latin America.—3 s.h.
[Not offered in 1942-43] ASSOCIATE PROFESSOR GILLIN
- Sociology 239. Acculturation and Cultural Synthesis.—3 s.h.
ASSOCIATE PROFESSOR GILLIN
- Sociology 240. The Peoples of Africa.—3 s.h.
ASSOCIATE PROFESSOR GILLIN
- Sociology 320. History of Social Philosophy.—3 s.h. PROFESSOR ELLWOOD

MATHEMATICS

PROFESSOR GERGEN, CHAIRMAN AND DIRECTOR OF GRADUATE STUDIES—03 GRAY
BUILDING; PROFESSORS ELLIOTT, RANKIN, AND THOMAS; ASSOCIATE
PROFESSORS CARLITZ AND ROBERTS; ASSISTANT PROFESSOR
DRESSEL; DR. BOAS

FOR SENIORS AND GRADUATES

201. History of Mathematics.—Prerequisite: differential calculus. 3 s.h.
[Not offered in 1942-43] PROFESSOR RANKIN
204. Teaching of Mathematics.—Must be preceded or accompanied by in-
tegral calculus. 3 s.h. PROFESSOR RANKIN
[Not offered in 1942-43]
225. Theory of Equations.—Prerequisite: integral calculus. 3 s.h.
[Not offered in 1942-43] PROFESSOR THOMAS
- 227-228. Theory of Numbers.—Prerequisite: integral calculus. 6 s.h.
ASSOCIATE PROFESSOR CARLITZ

- 229-230. **Algebraic Numbers.**—Prerequisite: Mathematics 225. 6 s.h.
[Not offered in 1942-43] ASSOCIATE PROFESSOR CARLITZ
- 235-236. **Modern Algebra.**—Prerequisite: integral calculus. 6 s.h.
[Not offered in 1942-43] ASSOCIATE PROFESSOR CARLITZ
- 255-256. **Projective Geometry.**—Prerequisite: integral calculus. 6 s.h.
[Not offered in 1942-43] PROFESSOR THOMAS
- 271-272. **Introductory Topology.**—Prerequisite: integral calculus. 6 s.h.
ASSOCIATE PROFESSOR ROBERTS
275. **Probability.**—Prerequisite: integral calculus. 3 s.h. DR. BOAS
[Not offered in 1942-43]
281. **Elementary Potential Theory.**—Prerequisite: integral calculus. 3 s.h.
PROFESSOR GERGEN
282. **Differential Equations of Mathematical Physics.**—Prerequisite: integral calculus. 3 s.h.
ASSISTANT PROFESSOR DRESSEL
283. **Fourier Series and Spherical Harmonics.**—Prerequisite: integral calculus. 3 s.h.
ASSISTANT PROFESSOR DRESSEL
[Not offered in 1942-43]
284. **Vector Analysis.**—Prerequisite: integral calculus. 3 s.h.
[Not offered in 1942-43] PROFESSOR THOMAS
287. **Mathematical Logic.**—3 s.h. ASSOCIATE PROFESSOR CARLITZ
[Not offered in 1942-43]
288. **Foundations of Mathematics.**—3 s.h. ASSOCIATE PROFESSOR CARLITZ
[Not offered in 1942-43]
- 291-292. **Theory of Functions.**—Prerequisite: second course in calculus. 6 s.h.
PROFESSOR GERGEN
[Not offered in 1942-43]

FOR GRADUATES

- 301-302. **Algebraic Geometry.**—Prerequisite: Mathematics 255-256. 6 s.h.
[Not offered in 1942-43] PROFESSOR THOMAS
- 325-326. **Real Variable.**—Prerequisite: Mathematics 291-292. 6 s.h.
[Not offered in 1942-43] DR. BOAS
- 331-332. **Complex Variable.**—Prerequisite: Mathematics 291-292. 6 s.h.
DR. BOAS
- 333-334. **Analytic Theory of Numbers.**—Prerequisite: Mathematics 291-292. 6 s.h.
ASSOCIATE PROFESSOR CARLITZ
[Not offered in 1942-43]
- 337-338. **Existence Theorems.**—Prerequisite: Mathematics 291-292. 6 s.h.
PROFESSOR THOMAS
- 341-342. **Integral Equations.**—Prerequisites: elementary differential equations and second course in calculus. 6 s.h.
PROFESSOR ELLIOTT
[Not offered in 1942-43]
- 343-344. **Ordinary Differential Equations.**—Prerequisite: Mathematics 291-292. 6 s.h.
PROFESSOR THOMAS
[Not offered in 1942-43]

353-354. **Trigonometric Series.**—Prerequisite: Mathematics 325-326. 6 s.h.
[Not offered in 1942-43] PROFESSOR GERGEN

371-372. **Dimension Theory.**—Prerequisite: Mathematics 271-272. 6 s.h.
[Not offered in 1942-43] ASSOCIATE PROFESSOR ROBERTS

373-374. **Continuous Transformations.**—Prerequisite: Mathematics 271-
272. 6 s.h. ASSOCIATE PROFESSOR ROBERTS
[Not offered in 1942-43]

382. **Potential Theory.**—Prerequisites: Mathematics 281 and 325-326. 3 s.h.
[Not offered in 1942-43] PROFESSOR GERGEN

PHILOSOPHY

PROFESSOR WIDGERY, CHAIRMAN AND DIRECTOR OF GRADUATE STUDIES—303 DIVINITY
SCHOOL; PROFESSORS GILBERT AND SMITH; ASSOCIATE PROFESSORS
LEONARD AND MORGAN; DR. MCLARTY

Courses normally given in alternate years marked † are offered in 1942-43
Those marked * are not offered in 1942-43.

FOR SENIORS AND GRADUATES

- 201-202. †The Philosophy of Art.—6 s.h. PROFESSOR GILBERT
203. The Philosophy of Conduct.—3 s.h. ASSOCIATE PROFESSOR MORGAN
205. †The Philosophy of History.—3 s.h. PROFESSOR WIDGERY
208. †Political Philosophy.—3 s.h. ASSOCIATE PROFESSOR MORGAN
- 209-210. *The Philosophy of Religion.—6 s.h. PROFESSOR WIDGERY
211. Philosophy of Civilization.—3 s.h. ASSOCIATE PROFESSOR MORGAN
- 213-214. *History of Esthetics.—6 s.h. PROFESSOR GILBERT
215. Christian Ethics I.—3 s.h. PROFESSOR SMITH
216. Christian Ethics II.—3 s.h. PROFESSOR SMITH
217. †The Philosophy of Aristotle.—Prerequisite: 105. 3 s.h.
DR. MCLARTY
223. *Contemporary Philosophy.—3 s.h. PROFESSOR WIDGERY
226. *The History of Ethics.—3 s.h. ASSOCIATE PROFESSOR MORGAN
- 231-232. Philosophy of Science.—6 s.h. ASSOCIATE PROFESSOR LEONARD
236. *Oriental Philosophy I. Chinese Philosophy.—3 s.h.
ACTING PROFESSOR DIERS
238. †Oriental Philosophy II. Indian Philosophy.—3 s.h.
PROFESSOR WIDGERY
241. *Logic.—3 s.h. ASSOCIATE PROFESSOR LEONARD
242. *Scientific Methodology.—3 s.h. ASSOCIATE PROFESSOR LEONARD
244. *Nietzsche and the Nineteenth Century.—3 s.h.
ASSOCIATE PROFESSOR MORGAN

- 245-246. †Philosophical Foundations of Religious Belief.—6 s.h.
ACTING PROFESSOR DUBS
248. *Philosophy of Values.—2 s.h. ACTING PROFESSOR DUBS

FOR GRADUATES

- 301-302. Seminar in Philosophy.—4 s.h. PROFESSOR WIDGERY
305. *Seminar: Spinoza.—3 s.h. PROFESSOR GILBERT
307. *Seminar: Kant.—2 s.h. ASSOCIATE PROFESSOR MORGAN
308. *Seminar: Hegel.—3 s.h. PROFESSOR GILBERT
310. *Seminar: Logical Positivism and Its Relation to Contemporary Movements in Philosophy and Science.—2 s.h.
ASSOCIATE PROFESSOR LEONARD
315. *Seminar: Leibnitz.—2 s.h. ACTING PROFESSOR DUBS
- 319-320. Religious Thought in the Rise of American Culture.—6 s.h.
PROFESSOR SMITH
323. Seminar in American Religious Thought.—2 s.h. PROFESSOR SMITH
325. †Seminar: Locke, Berkeley, Hume.—2 s.h.
ASSOCIATE PROFESSOR LEONARD
326. Seminar: Christian Ethics.—2 s.h. PROFESSOR SMITH
- 331-332. Seminar in Special Fields of Philosophy.—2 s.h. each semester.
- (a) Logic and Philosophy of Science. ASSOCIATE PROFESSOR LEONARD
- (b) Ethics and Political Philosophy. ASSOCIATE PROFESSOR MORGAN
- (c) Esthetics. PROFESSOR GILBERT
- (d) Philosophy of Religion and of History. PROFESSOR WIDGERY

RELATED COURSES IN OTHER DEPARTMENTS

- Education 200. Introduction to the Philosophy of Education.—3 s.h.
PROFESSOR HOLTON
- Greek 209-210. Plato.—6 s.h. ASSISTANT PROFESSOR WAY
- History 221-222. The Age of the Renaissance.—6 s.h.
ASSOCIATE PROFESSOR NELSON
- Mathematics 287. Mathematical Logic.—3 s.h.
[Not offered in 1942-43] ASSOCIATE PROFESSOR CARLITZ
- Mathematics 288. Foundations of Mathematics.—3 s.h.
[Not offered in 1942-43] ASSOCIATE PROFESSOR CARLITZ
- Physics 213-214. Contemporary Physics.—6 s.h.
ASSISTANT PROFESSOR CONSTANT
- Political Science 223. Political Thought to the Seventeenth Century.—
3 s.h. PROFESSOR WILSON
[Not offered in 1942-43]
- Political Science 224. Modern Political Theory.—3 s.h.
[Not offered in 1942-43] PROFESSOR WILSON

- Psychology 228. Psychology of Belief.—2 s.h. PROFESSOR LUNDHOLM
[Not offered in 1942-43]
- Religion 221. Platonism and Christianity.—3 s.h.
[Not offered in 1942-43] ASSISTANT PROFESSOR OUTLER
- Religion 222. Theology and Philosophy in the Nineteenth Century.—3 s.h.
[Not offered in 1942-43] ASSISTANT PROFESSOR OUTLER
- Sociology 320. History of Social Philosophy.—3 s.h. PROFESSOR ELLWOOD
- Zoology 341. Historical and Philosophical Biology.—2 s.h.
PROFESSOR HARGITT

PHYSICS

PROFESSOR NIELSEN,* CHAIRMAN AND DIRECTOR OF GRADUATE STUDIES—101
PHYSICS BUILDING; PROFESSORS EDWARDS, HATLEY, NORDHEIM, AND
SPONER; ASSISTANT PROFESSORS CONSTANT AND MOUZON;*
DRS. BONNER AND HEBB

FOR SENIORS AND GRADUATES

211. History of Physics.—2 s.h. PROFESSOR EDWARDS
- 213-214. Contemporary Physics.—6 s.h. ASSISTANT PROFESSOR CONSTANT
- 215-216. Atomic Physics Laboratory.—2-4 s.h.
PROFESSORS NIELSEN AND SPONER
- 217-218. Advanced General Physics Laboratory.—2 s.h.
PROFESSORS NIELSEN AND SPONER
219. Electron Tubes and Their Application.—3 s.h. DR. HEBB
- 221-222. Introduction to Theoretical Physics.—8 s.h.
ASSISTANT PROFESSOR CONSTANT

FOR GRADUATES

303. Thermodynamics.—3 s.h. PROFESSORS GROSS AND SPONER
305. Kinetic Theory of Matter.—3 s.h. PROFESSOR SPONER
[Not offered in 1942-43]
307. Advanced Dynamics.—3 s.h. PROFESSOR NORDHEIM
308. Theory of Electricity and Magnetism.—3 s.h. PROFESSOR NORDHEIM
[Not offered in 1942-43]
311. Conduction of Electricity through Gases.—3 s.h. PROFESSOR EDWARDS
- 315-316. Principles of Quantum Theory.—6 s.h. PROFESSOR NORDHEIM
[Not offered in 1942-43]
319. Electrodynamics.—3 s.h. PROFESSOR NORDHEIM
320. Theory of Electrons.—3 s.h. PROFESSOR NORDHEIM
323. Theory of Atomic Spectra.—3 s.h. PROFESSOR SPONER
324. Theory of Molecular Spectra.—3 s.h. PROFESSOR SPONER
340. Structure of Matter.—3 s.h. PROFESSOR SPONER
[Not offered in 1942-43]

* Absent on National Defense leave, 1942-43.

341. Advanced Topics in Quantum Theory.—Prerequisite: Physics 315-316. 3 s.h. PROFESSOR NORDHEIM
- 343-344. Radioactivity and Nuclear Structure.—6 s.h. PROFESSOR NIELSEN
[Not offered in 1942-43]
- 351-352. Seminar.—2 s.h. STAFF
- 353-354. Thesis Seminar.—6 s.h. STAFF

POLITICAL SCIENCE

PROFESSOR WILSON, CHAIRMAN AND DIRECTOR OF GRADUATE STUDIES—311 LIBRARY; PROFESSORS RANKIN AND VON BECKERATH; ASSOCIATE PROFESSORS COLE AND SHIPMAN; ASSISTANT PROFESSORS GIBSON AND LINEBARGER

FOR SENIORS AND GRADUATES

207. American Constitutional Law and Theory.—3 s.h. PROFESSOR WILSON
209. State and Local Government in the United States.—3 s.h.
PROFESSOR RANKIN
211. Political Institutions of the Far East.—3 s.h.
ASSISTANT PROFESSOR LINEBARGER
212. International Politics of the Far East.—3 s.h.
ASSISTANT PROFESSOR LINEBARGER
223. Political Thought to the Seventeenth Century.—3 s.h.
[Not offered in 1942-43] PROFESSOR WILSON
224. Modern Political Theory.—3 s.h.
[Not offered in 1942-43] PROFESSOR WILSON
- 225-226. Comparative Government.—6 s.h. ASSOCIATE PROFESSOR COLE
- 227-228. International Law.—6 s.h. PROFESSOR WILSON
229. Recent and Contemporary Political Theory.—3 s.h.
ASSOCIATE PROFESSOR COLE
230. American Political Institutions.—3 s.h. PROFESSOR RANKIN
- 241-242. The Administrative Process.—6 s.h.
ASSOCIATE PROFESSOR SHIPMAN
244. Administrative Law.—3 s.h.
[Not offered in 1942-43] ASSOCIATE PROFESSOR SHIPMAN
246. Legislation.—3 s.h. ASSOCIATE PROFESSOR SHIPMAN
252. Spanish American Constitutionalism.—3 s.h.
ASSISTANT PROFESSOR GIBSON
271. Socio-Politics and Capitalism.—3 s.h. PROFESSOR VON BECKERATH
291. Municipal Government.—3 s.h. PROFESSOR RANKIN
292. Municipal Administration.—3 s.h.
[Not offered in 1942-43] PROFESSOR RANKIN

FOR GRADUATES

310. Seminar in State Government.—3 s.h. PROFESSOR RANKIN

311. Seminar in Far Eastern Politics.—3 s.h.
[Not offered in 1942-43] ASSISTANT PROFESSOR LINEBARGER
325. Seminar in Comparative Government.—3 s.h.
[Not offered in 1942-43] ASSOCIATE PROFESSOR COLE
328. Seminar in International Law.—3 s.h. PROFESSOR WILSON
341. Seminar in Public Administration.—3 s.h.
ASSOCIATE PROFESSOR SHIPMAN

RELATED COURSES IN OTHER DEPARTMENTS

- Economics 233. State and Local Finance.—3 s.h.
ASSOCIATE PROFESSOR RATCHFORD
- Economics 234. Federal Finance.—3 s.h.
ASSOCIATE PROFESSOR RATCHFORD
- Economics 237-238. Statistical Methods.—6 s.h.
ASSISTANT PROFESSOR SPRINGER
- Economics 265. International Trade and Tariff Policies.—3 s.h.
PROFESSOR VON BECKERATH
- Economics 266. International Finance.—3 s.h. PROFESSOR HAMILTON
[Not offered in 1942-43]
- Economics 270. Economics of War.—3 s.h.
PROFESSORS HAMILTON AND VON BECKERATH
- Economics 316. Economic Functions of the State.—3 s.h.
PROFESSOR HOOVER
- History 215-216. Foreign Policy and Diplomacy of the United States.—
6 s.h. PROFESSOR CLYDE
- History 217-218. Europe since 1870.—6 s.h. PROFESSOR CARROLL
[Not offered in 1942-43]
- History 234. Political and Social Problems in the Hispanic American
Republics.—3 s.h. ASSOCIATE PROFESSOR LANNING
[Not offered in 1942-43]

PSYCHOLOGY

PROFESSOR LUNDHOLM, CHAIRMAN—201 SCIENCE BUILDING; ASSOCIATE PROFESSOR ZENER, DIRECTOR OF GRADUATE STUDIES—216 SCIENCE BUILDING; PROFESSOR RHINE; ASSOCIATE PROFESSOR ADAMS; ASSISTANT PROFESSOR KEMP

FOR SENIORS AND GRADUATES

202. Psychology of Esthetics.—3 s.h. PROFESSOR LUNDHOLM
204. Motivation and Learning.—3 s.h. ASSOCIATE PROFESSOR ZENER
206. Social Psychology.—3 s.h. ASSOCIATE PROFESSOR ADAMS
207. Psychology of Memory, Thinking, Perceiving.—3 s.h.
ASSOCIATE PROFESSOR ZENER
209. Experimental Methods in Human Psychology.—4 s.h.
[Not offered in 1942-43] ASSOCIATE PROFESSOR ZENER

212. Physiological Psychology.—3 s.h. ASSISTANT PROFESSOR KEMP
 215. Developmental Psychology.—3 s.h. ASSOCIATE PROFESSOR ADAMS
 223. Abnormal Psychology.—3 s.h. PROFESSOR LUNDHOLM
 226. Contemporary Schools of Psychology.—3 s.h.
 ASSOCIATE PROFESSOR ZENER
 228. Psychology of Belief.—3 s.h. PROFESSOR LUNDHOLM
 [Not offered in 1942-43]

FOR GRADUATES

302. Seminar.—3 s.h. PROFESSOR LUNDHOLM
 [Not offered in 1942-43]
 303-304. Research.—2 or 3 s.h.
 PROFESSORS LUNDHOLM AND RHINE; ASSOCIATE PROFESSORS
 ADAMS AND ZENER
 306. Seminar in Child Psychology.—2 or 3 s.h.
 ASSOCIATE PROFESSOR ADAMS
 307. Seminar in Psychology of Personality.—3 s.h. PROFESSOR RHINE
 [Not offered in 1942-43]
 309. Theory of Learning.—3 s.h. ASSOCIATE PROFESSOR ADAMS
 310. Seminar Selected Problems in the Dynamics of Behavior.—3 s.h.
 [Not offered in 1942-43] ASSOCIATE PROFESSOR ZENER
 313. Seminar in Parapsychology.—3 s.h. PROFESSOR RHINE

RELATED COURSES IN OTHER DEPARTMENTS

- Education 208. Mental Tests and Applications.—3 s.h.
 ASSISTANT PROFESSOR EASLEY
 Education 209. Statistical Methods Applied to Education.—2 s.h.
 ASSOCIATE PROFESSOR SCATES
 Education 217. Advanced Educational Psychology.—3 s.h.
 PROFESSOR BROWNELL
 Education 218. Educational Implications of Genetic Psychology.—3 s.h.
 PROFESSOR BROWNELL
 Education 227. The Psychology of Learning: Problems.—3 s.h.
 [Not offered in 1942-43] ASSISTANT PROFESSOR EASLEY
 Education 228. The Psychology of Learning: Theoretical and Experi-
 mental.—3 s.h. ASSISTANT PROFESSOR EASLEY
 Philosophy 231-232. Philosophy of Science.—6 s.h.
 ASSOCIATE PROFESSOR LEONARD
 Philosophy 241. Logic.—3 s.h. ASSOCIATE PROFESSOR LEONARD
 [Not offered in 1942-43]
 Philosophy 242. Scientific Methodology.—3 s.h.
 [Not offered in 1942-43] ASSOCIATE PROFESSOR LEONARD
 Sociology 212. Child Welfare.—3 s.h. PROFESSOR JENSEN
 [Offered in summer session, 1942]

- Sociology 217. Race and Culture.—3 s.h. ASSOCIATE PROFESSOR THOMPSON
 Zoology 229. Endocrinology.—4 s.h. PROFESSOR CUNNINGHAM
 Zoology 321. General Physiology.—4 s.h. PROFESSOR HALL
 Zoology 324. Advanced Physiology.—4 s.h. PROFESSOR HALL
 Zoology 341. Historical and Philosophical Zoology.—2 s.h.
 PROFESSOR HARGITT
 Zoology 351-352. Zoological Journal Club.—2 s.h. STAFF
 Zoology 355-356(e). Ecology, Parasitology, and Behavior.—Credit to be
 arranged. PROFESSOR PEARSE

RELIGION

PROFESSOR SMITH, CHAIRMAN AND DIRECTOR OF GRADUATE STUDIES—304 DIVINITY
 SCHOOL; PROFESSORS BRANSCOMB, DUBS, GARBER, AND RUSSELL; ASSOCIATE
 PROFESSOR STINESPRING; ASSISTANT PROFESSORS CLARK, OUTLER, AND PETRY

FIELD I. BIBLICAL STUDIES

- 201-202. First Hebrew.—6 s.h. ASSOCIATE PROFESSOR STINESPRING
 218. Galatians and I Corinthians.—3 s.h. ASSISTANT PROFESSOR CLARK
 [Not offered in 1942-43]
 220. I Peter and the Gospel of John.—3 s.h. ASSISTANT PROFESSOR CLARK
 301. Old Testament Theology.—Prerequisite: Old Testament 203-204.
 3 s.h. PROFESSOR RUSSELL
 304. Aramaic.—3 s.h. ASSOCIATE PROFESSOR STINESPRING
 [Not offered in 1942-43]
 305-306. Arabic.—6 s.h. ASSOCIATE PROFESSOR STINESPRING
 [Not offered in 1942-43]
 307-308. Second Hebrew.—6 s.h. ASSOCIATE PROFESSOR STINESPRING
 309. History of the Ancient Near East.—3 s.h.
 ASSOCIATE PROFESSOR STINESPRING
 310. Old Testament Prophecy.—3 s.h. ASSOCIATE PROFESSOR STINESPRING
 311. The Life and Teachings of Jesus.—Prerequisite: New Testament 213-
 214. 3 s.h. PROFESSOR BRANSCOMB
 312. New Testament Theology.—Prerequisite: New Testament 213-214.
 3 s.h. PROFESSOR RUSSELL
 313. The Apostolic Fathers.—3 s.h. ASSISTANT PROFESSOR CLARK
 314. Early Christian Apologists.—3 s.h. PROFESSOR BRANSCOMB
 315. Judaism at the Beginning of the Christian Era.—3 s.h.
 PROFESSOR BRANSCOMB
 316. Hellenistic Religions at the Beginning of the Christian Era.—3 s.h.
 ASSISTANT PROFESSOR CLARK
 318. Text of New Testament.—3 s.h. ASSISTANT PROFESSOR CLARK

FIELD II. STUDIES IN CHURCH HISTORY

331. **The Social Message of the Early and Medieval Church.**—Prerequisite: Church History 233-234. 3 s.h. ASSISTANT PROFESSOR PETRY
332. **The Medieval Church.**—Prerequisite: Church History 233-234. 3 s.h. ASSISTANT PROFESSOR PETRY
333. **The Church in Europe since 1800.**—Prerequisite: Church History 233-234. 3 s.h. PROFESSOR GARBER
334. **A History of Christian Renunciation in the Middle Ages.**—Prerequisite: Church History 233-234. 3 s.h. ASSISTANT PROFESSOR PETRY
- 335-336. **The Church in America.**—Prerequisite: Church History 233-234. 6 s.h. PROFESSOR GARBER
337. **Religion in the Southern States since the Civil War.**—Prerequisite: Church History 233-234. 3 s.h. PROFESSOR GARBER
[Not offered in 1942-43]
339. **Seminar on Frontier Religion.**—Prerequisite: Church History 233-234. 2 s.h. PROFESSOR GARBER

FIELD III. STUDIES IN CHRISTIAN THEOLOGY AND ETHICS

221. **Platonism and Christianity.**—Prerequisite: six semester hours in philosophy or its equivalent. 3 s.h. ASSISTANT PROFESSOR OUTLER
[Not offered in 1942-43]
222. **Theology and Philosophy in the Nineteenth Century.**—3 s.h. ASSISTANT PROFESSOR OUTLER
[Not offered in 1942-43]
291. **Christian Ethics I.**—3 s.h. PROFESSOR SMITH
292. **Christian Ethics II.**—3 s.h. PROFESSOR SMITH
295. **Philosophical Foundations of Religious Belief I.**—3 s.h. ACTING PROFESSOR DUBS
296. **Philosophical Foundations of Religious Belief II.**—3 s.h. ACTING PROFESSOR DUBS
321. **History of Christian Thought I.**—3 s.h. ASSISTANT PROFESSOR OUTLER
322. **History of Christian Thought II.**—3 s.h. ASSISTANT PROFESSOR OUTLER
323. **The Christian Conception of the Church.**—Prerequisite: Christian Doctrine 321. 3 s.h. ASSISTANT PROFESSOR OUTLER
329. **Seminar in Historical Theology.**—2 s.h. ASSISTANT PROFESSOR OUTLER
366. **Seminar in Philosophy of Religious Education.**—2 s.h. PROFESSOR SMITH
[Not offered in 1942-43]
- 393-394. **Religious Thought in the Rise of American Culture.**—6 s.h. PROFESSOR SMITH
397. **Seminar in American Religious Thought.**—2 s.h. PROFESSOR SMITH
398. **Seminar in Christian Ethics.**—2 s.h. PROFESSOR SMITH

ROMANCE LANGUAGES

PROFESSOR WEBB, CHAIRMAN—107 GRAY BUILDING; PROFESSOR JORDAN, DIRECTOR OF GRADUATE STUDIES—106 GRAY BUILDING; PROFESSOR COWPER; ASSOCIATE PROFESSORS LUNDEBERG AND WALTON; ASSISTANT PROFESSORS DAVIS, HASBROUCK, AND REID

FRENCH

FOR SENIORS AND GRADUATES

213. French Classicism.—3 s.h. ASSOCIATE PROFESSOR WALTON
 214. French Classicism.—3 s.h. ASSOCIATE PROFESSOR WALTON
 215-216. The Modern French Novel.—6 s.h. PROFESSOR JORDAN
 217. French Phonetics.—3 s.h. PROFESSOR WEBB
 218. Materials and Methods.—3 s.h. PROFESSOR WEBB
 219. Old French.—3 s.h. PROFESSOR COWPER
 220. Old French.—3 s.h. PROFESSOR COWPER
 227. French Poetry since Théophile Gautier.—3 s.h.
 ASSOCIATE PROFESSOR WALTON
 232. Rousseau and the Beginnings of Romanticism.—3 s.h.
 PROFESSOR COWPER
 233. Main Currents of Modern French Literature.—3 s.h.
 PROFESSOR WEBB

FOR GRADUATES

317. History of the French Language.—3 s.h. PROFESSOR COWPER
 323. Realism and Naturalism.—3 s.h. PROFESSOR JORDAN
 325-326. French Literature in the Sixteenth Century.—6 s.h.
 ASSOCIATE PROFESSOR WALTON
 328. Anatole France.—3 s.h. ASSOCIATE PROFESSOR WALTON
 331. Diderot and the Encyclopédie—3 s.h. PROFESSOR COWPER
 333-334. Contemporary French Literature.—6 s.h. PROFESSOR JORDAN
 350. Nineteenth-Century French Criticism.—3 s.h. PROFESSOR JORDAN

SPANISH

FOR SENIORS AND GRADUATES

253. Spanish Phonetics.—3 s.h. ASSOCIATE PROFESSOR LUNDEBERG
 255-256. Studies in Spanish American Literature.—6 s.h.
 [Not offered in 1942-43] ASSISTANT PROFESSOR REID
 257. The Modern Spanish Critical Essay.—3 s.h.
 ASSISTANT PROFESSOR HASBROUCK
 258. Landmarks of Medieval and Renaissance Literature.—3 s.h.
 ASSISTANT PROFESSOR DAVIS

260. **Advanced Syntax and Composition.**—3 s.h.
ASSISTANT PROFESSOR REID
- 261-262. **The Modern Spanish Novel.**—6 s.h.
ASSOCIATE PROFESSOR LUNDEBERG
265. **Golden Age Literature: Cervantes.**—3 s.h.
[Not offered in 1942-43] ASSOCIATE PROFESSOR LUNDEBERG
266. **Golden Age Literature: The Don Juan Theme.**—3 s.h.
[Not offered in 1942-43] ASSOCIATE PROFESSOR LUNDEBERG

SOCIOLOGY AND ANTHROPOLOGY

PROFESSOR ELLWOOD, CHAIRMAN AND DIRECTOR OF GRADUATE STUDIES—303 GRAY BUILDING; PROFESSORS GROVES, HART, AND JENSEN; ASSOCIATE PROFESSORS GILLIN AND THOMPSON

205. **Social Pathology.**—Prerequisite: course 91-92, 101, or 131-132. 3 s.h.
PROFESSOR JENSEN
206. **Criminology.**—Prerequisite: course 91-92, 101, or 131-132. 3 s.h.
PROFESSOR JENSEN
212. **Child Welfare.**—Prerequisite: course 91-92, 101, or 131-132. 3 s.h.
PROFESSOR JENSEN
213. **Constructive Social Policies.**—2 s.h.
[Not offered in 1942-43] PROFESSOR JENSEN
215. **Rural Sociology.**—Prerequisite: course 91-92, 101, or 131-132. 3 s.h.
ASSOCIATE PROFESSOR THOMPSON
216. **Urban Sociology.**—Prerequisite: course 91-92, 101, or 131-132. 3 s.h.
ASSOCIATE PROFESSOR THOMPSON
217. **Race and Culture.**—Prerequisite: course 91-92, 101, or 131-132. 3 s.h.
ASSOCIATE PROFESSOR THOMPSON
225. **Statistical Methods in Sociology.**—Prerequisite: course 91-92, 101, or 131-132. 3 s.h.
PROFESSOR HART
227. **Emigration and Immigration.**—Prerequisite: course 91-92, 101, or 131-312. 3 s.h.
[Not offered in 1942-43] PROFESSOR JENSEN
236. **Social Ethics.**—3 s.h.
PROFESSOR HART
237. **Indians of North America.**—Prerequisite: course 131. 3 s.h.
ASSOCIATE PROFESSOR GILLIN
238. **Anthropological Backgrounds of Latin America.**—Prerequisite: course 131. 3 s.h.
ASSOCIATE PROFESSOR GILLIN
239. **Acculturation and Cultural Synthesis.**—Prerequisite: course 131. 3 s.h.
[Not offered in 1942-43] ASSOCIATE PROFESSOR GILLIN
240. **The Peoples of Africa.**—Prerequisite: course 131. 3 s.h.
[Not offered in 1942-43] ASSOCIATE PROFESSOR GILLIN
252. **Education and Social Control.**—Prerequisite: course 91-92, 101, or 131-132. 2 s.h.
PROFESSOR ELLWOOD

281. Public Opinion.—3 s.h. PROFESSOR JENSEN
 [Not offered in 1942-43]

FOR GRADUATES

317. Seminar in Anthropology.—1 to 3 s.h. ASSOCIATE PROFESSOR GILLIN
 319. Principles of Sociology.—3 s.h. PROFESSOR ELLWOOD
 320. History of Social Philosophy.—3 s.h. PROFESSOR ELLWOOD
 322. Methods of Social Research.—3 s.h. PROFESSOR JENSEN
 326. Operational Sociology.—Prerequisite: one of the following: Sociology 225, or Economics 237-238, or Education 209, or Mathematics 74 or 275, or some other acceptable course in statistics. 3 s.h. PROFESSOR HART
 [Not offered in 1942-43]
 330. Seminar.—1 s.h. PROFESSORS ELLWOOD, HART, AND JENSEN; ASSOCIATE PROFESSORS GILLIN AND THOMPSON
 340. Seminar.—3 s.h. ASSOCIATE PROFESSOR THOMPSON
 342. Seminar in Marriage and the Family.—2-4 s.h. PROFESSOR GROVES
 350. Seminar in Applied Sociology.—1 to 3 s.h. PROFESSOR JENSEN
 351. Seminar in Medical Sociology.—2 s.h.
 352. Seminar in Family Law.—2 s.h. PROFESSOR BRADWAY

RELATED COURSES IN OTHER DEPARTMENTS

- Economics 217. Population Problems and Resources.—3 s.h. PROFESSOR SPENGLER
 Economics 315. Economic Systems.—3 s.h. PROFESSOR HOOVER
 Economics 316. Economic Functions of the State.—3 s.h. PROFESSOR HOOVER
 Philosophy 205. Philosophy of History.—3 s.h. PROFESSOR WIDGERY
 Political Science 223. Political Thought to the Seventeenth Century.—3 s.h. PROFESSOR WILSON
 [Not offered in 1942-43]
 Political Science 224. Modern Political Theory.—3 s.h. PROFESSOR WILSON
 [Not offered in 1942-43]
 Psychology 206. Social Psychology.—3 s.h. ASSOCIATE PROFESSOR ADAMS

ZOOLOGY

ASSOCIATE PROFESSOR GRAY, CHAIRMAN—218 BIOLOGY BUILDING; PROFESSOR HARTGITT, DIRECTOR OF GRADUATE STUDIES—326 BIOLOGY BUILDING; PROFESSORS CUNNINGHAM, HALL, AND PEARSE; ASSISTANT PROFESSORS BOOKHOUT, JEFFERS, AND JOHNSON; DR. WHARTON

FOR SENIORS AND GRADUATES

204. Advanced Parasitology.—Prerequisite: Zoology 161. 4 s.h. PROFESSOR PEARSE

222. Entomology.—Prerequisite: one year of zoology. 4 s.h.
ASSOCIATE PROFESSOR GRAY
224. Vertebrate Zoology.—Prerequisite: Zoology 53. 4 s.h.
ASSOCIATE PROFESSOR GRAY
229. Endocrinology.—Prerequisites: Zoology 53, 92. 4 s.h.
PROFESSOR CUNNINGHAM
274. Invertebrate Zoology.—Prerequisites: Zoology 1 and 2. 4 s.h.
[Not offered in 1942-43] ASSISTANT PROFESSOR BOOKHOUT
276. Protozoology.—Prerequisite: Zoology 1 and 2. 4 s.h.
ASSISTANT PROFESSOR BOOKHOUT

FOR GRADUATES

303. Ecology.—4 s.h. PROFESSOR PEARSE
306. Advanced Ecology.—Prerequisite: Zoology 303. 4 s.h.
PROFESSOR PEARSE
307. Foundations of Zoology.—2 s.h.
[Not offered in 1942-43] PROFESSOR PEARSE
321. General Physiology.—4 s.h. PROFESSOR HALL
324. Advanced Physiology.—Prerequisite: Zoology 151 or 321. 4 s.h.
PROFESSOR HALL
327. Experimental Embryology.—Prerequisites: Zoology 92, 151 or 321.
3 s.h. PROFESSOR CUNNINGHAM
[Not offered in 1942-43]
341. Historical and Philosophical Zoology.—2 s.h. PROFESSOR HARGITT
343. Cytology.—Prerequisites: Zoology 53, 92, 156, or equivalents. 4 s.h.
[Not offered in 1942-43] PROFESSOR HARGITT
- 351-352. Zoological Journal Club.—2 s.h. STAFF
- 353-354. Research.
- (a) Embryology and Endocrinology.
PROFESSOR CUNNINGHAM AND ASSISTANT
PROFESSOR JEFFERS
- (b) Comparative and General Physiology. PROFESSOR HALL
- (c) Histology and Cytology. PROFESSOR HARGITT AND ASSISTANT
PROFESSOR JOHNSON
- (d) Invertebrate Zoology. ASSISTANT PROFESSOR BOOKHOUT
- (e) Ecology, Parasitology, and Behavior. PROFESSOR PEARSE
- (f) Vertebrate Zoology and Entomology. ASSOCIATE PROFESSOR GRAY
Hours and credits to be arranged.
- 355-356. Seminar.
- * (a) Embryology and Endocrinology. PROFESSOR CUNNINGHAM
- * (b) Comparative and General Physiology.
PROFESSOR HALL AND DR. WILSON

* Not offered in 1942-43.

- ***(c) Histology and Cytology.** PROFESSOR HARGITT, ASSISTANT PROFESSORS
JEFFERS AND JOHNSON
- (d) Invertebrate Zoology.** ASSISTANT PROFESSOR BOOKHOUT
- (e) Ecology, Parasitology, and Behavior.**
PROFESSOR PEARSE AND DR. WHARTON
- ***(f) Vertebrate Zoology and Entomology.** ASSOCIATE PROFESSOR GRAY

COURSES IN THE MEDICAL SCHOOL OPEN TO GRADUATE STUDENTS

PROFESSORS EADIE, PERLZWEIG, D. T. SMITH, AND SWETT; ASSOCIATE PROFESSORS
F. M. BERNHEIM, DANN, HETHERINGTON, MCCREA, MARTIN, AND TAYLOR;
ASSISTANT PROFESSORS M. L. C. BERNHEIM, CONANT, COOLIDGE,
EVERETT, HOLLINSHEAD, AND NEURATH;
DR. YOUNGSTROM

ANATOMY

M201. Gross Human Anatomy.—Hours and credits (maximum 8 s.h.) by
arrangement. Prerequisites: adequate training in comparative anatomy and
embryology. DR. SWETT AND STAFF

M202. Microscopic Anatomy.—Hours and credits (maximum 2 s.h.) by
arrangement. Prerequisite: adequate training in histology or cytology.
DR. HETHERINGTON AND STAFF

M203. Anatomy of the Nervous System.—Hours and credits (maximum
4 s.h.) by arrangement. Prerequisite: Anatomy M201. DR. HETHERINGTON

BACTERIOLOGY AND IMMUNOLOGY

M221. Bacteriology and Immunology.—Prerequisites: courses in general
zoology, general botany, histology and comparative anatomy, general and
organic chemistry. 4 s.h. DR. D. T. SMITH AND STAFF

M223. Advanced Bacteriology and Immunology.—8 s.h.
DR. D. T. SMITH AND STAFF

BIOCHEMISTRY

M241. General Biochemistry.—Prerequisites: general chemistry, organic
chemistry, elementary physical and analytical chemistry, and at least one
year of college biology. 6 s.h. DRs. PERLZWEIG AND TAYLOR, AND STAFF

M242. Biochemical Preparations.—Prerequisite: Biochemistry M241. 2 s.h.
DR. TAYLOR AND STAFF

**M243-244. Physical Chemical and Colloid Chemical Principles of Bio-
chemistry.** DR. NEURATH

M341. Pathological Chemistry.—Prerequisites: Biochemistry M241 and
Physiology M251-2. DRs. PERLZWEIG, TAYLOR, AND M. L. C. BERNHEIM

M343. Immunochemistry.—2 s.h. DRs. MARTIN AND NEURATH

M345. Biological Oxidations.—2 s.h. DR. COOLIDGE AND STAFF

* Not offered in 1942-43.

PHYSIOLOGY, PHARMACOLOGY, AND NUTRITION

M261-2. Human Physiology and Pharmacology.—Prerequisites: Anatomy M201 and Biochemistry M241 (or equivalents) and at least one year of college physics. Credits depending on work taken. (Maximum 8 s.h.)

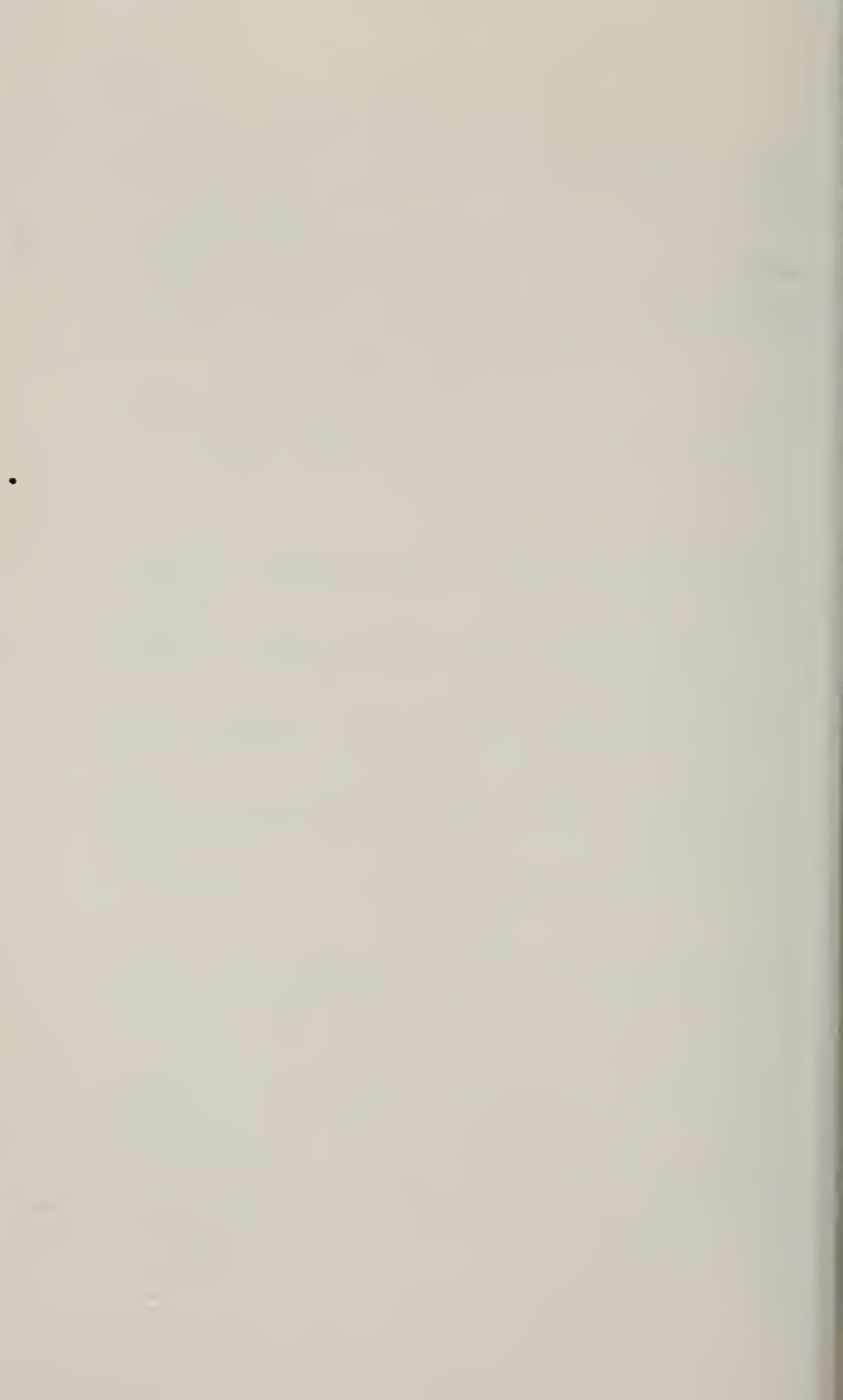
DR. EADIE AND STAFF

M263. Physiology of Digestion, Metabolism, and Nutrition.—Prerequisite: Biochemistry M241. 2 s.h.

DRS. DANN, EADIE, AND F. M. BERNHEIM

M363-4. Advanced Seminar in Nutrition.—Prerequisites: Biochemistry M241 and Physiology M251 or equivalents. 4 s.h.

DR. DANN



THE DIVINITY SCHOOL

PAUL NEFF GARBER, A.B., A.M., PH.D.
Dean

1941-1942
ANNOUNCEMENTS FOR 1942-1943

THE DIVINITY SCHOOL OF DUKE UNIVERSITY

HISTORICAL STATEMENT

Trinity College was established by Christian men for the purpose of providing education for young men and women under distinctive Christian auspices. There has been no departure from this clearly defined aim. On the contrary, there has been ever increasing emphasis placed upon this feature of the work of the College, especially in the provision in the curriculum for a great variety of courses on the Bible and other religious subjects.

In the Indenture of Trust by which Duke University was created, James B. Duke, the founder, put first the training of preachers; and the University made it a special point to set up a Divinity School as the first new unit to be organized in the expanding institution. The work of the School began with the academic year 1926-27, though the formal opening exercises were not held until November 9, 1926.

The School has made rapid progress. It is a member of the American Association of Theological Schools and was included in the list of accredited theological schools approved by the Association in June, 1938.

The Duke University Divinity School retains the same close relationship which Trinity College always held to the Methodist Church, but members of all Christian denominations, equally with Methodists, are made to feel welcome in the School. The basis on which the work is conducted is not narrowly denominational but broadly catholic.

THE PURPOSE OF THE DIVINITY SCHOOL

Christian work has now expanded to the extent that it covers far more than the work of a preacher or minister. The Divinity School of Duke University purposes to offer training for those engaged in all types of Christian service. This includes missionaries, teachers of Bible and other religious subjects in the schools and colleges of the church, directors of religious education, and social workers. In the future it is planned to fit the courses more completely to the needs of these workers. Still it must be kept clear that the minister in charge of a church, who stands before the people to preach the Gospel of Christ, is the center and key to the whole problem of Christian work in the church. It is felt with strong conviction that the training of all Christian workers should be maintained on a high level. Consequently, the Divinity School is organized on a strictly graduate basis. It is sincerely hoped that the standard thus set may increasingly influence the type of men and women entering Christian work and may lead them to demand the best of themselves in the prosecution of the work of Christ among men.

RELATION OF THE DIVINITY SCHOOL TO DUKE UNIVERSITY

As one of the co-ordinate schools of Duke University, the Divinity School is in closest touch with the other schools, particularly with Trinity College and with the Graduate School of Arts and Sciences. Various privileges of Duke University are open to students of the Divinity School. Students in the School are expected to take part in the religious and social life of the University campus and to share in athletic interest and activities.

REQUIREMENTS FOR ADMISSION

Candidates for matriculation must be graduates of colleges of recognized standing. They will be admitted without examination on presentation of an official transcript of all college credits and such other credits as they may have secured. This applies to students coming from foreign countries as well as to students from institutions in the United States. They must satisfy the Faculty as to their Christian character and purpose. To this end a letter regarding a student's character and purpose from the pastor of his home church, a church official or some faculty member in the college where he did his undergraduate work, should be presented at the time of admission. Women will be admitted on the same conditions as men. Graduates from nonaccredited institutions may be admitted on probation.

PART-TIME SCHEDULES

Students who are not giving full time to their studies in the Divinity School may carry only limited schedules of classwork.

REQUIREMENTS FOR GRADUATION

The requirements for the degree of Bachelor of Divinity are ninety semester hours, six semester hours of which shall be covered by the writing of an adequate thesis, either in a thesis seminar or under supervised thesis guidance. The course is planned to cover three years, of two semesters each. In no case will the degree of Bachelor of Divinity be conferred on a student until he has spent at least two full semesters in residence in the Divinity School, and has satisfactorily completed a minimum of twenty-four semester hours of work.

THESIS

A thesis is required of all candidates for the degree of Bachelor of Divinity. It shall be of such a character as shall evidence a knowledge of the methods of research and an ability to conduct independent investigations. It shall be written upon some topic in the major field of study. The candidate is responsible for the selection of a suitable subject, which must be approved by the professor in charge of the major field and must

be filed with the Dean of the Divinity School on or before October 5 of the academic year in which it is expected that the degree will be conferred. After the submission and approval of the subject of the thesis no changes will be permitted, except changes for the purpose of clarification or limitation of the subject. A student who does not complete his thesis within a period of three years from the date of the approval of his subject must secure a reapproval of the old subject or the approval of a new subject. The thesis shall be prepared under the supervision and guidance of the professor in charge of the major field. No student shall be allowed to write his thesis *in absentia* except with the approval of the Committee on Theses upon the recommendation of the professor in charge of the thesis. In all such cases regular reports as to the progress of the thesis must be made to the professor in charge, as often as he may deem wise.

The thesis shall be between one hundred and one hundred and twenty pages in length, inclusive of introduction, conclusion, appendices, and bibliography, except in unusual cases clearly recognized as such by the Committee on Theses in approving thesis subjects. The student, the director, and the Committee on Theses shall be responsible for the selection and approval of such subjects as can be treated satisfactorily within these limits.

The thesis shall be read by a committee of three members of the Faculty of the Divinity School, consisting of the professor under whose direction the thesis has been written and two other members appointed by the Dean, one of whom shall be of a department other than that in which the thesis is written. Each candidate shall be examined orally on his thesis by the committee appointed to read it, said examination not to exceed one hour in length. The thesis must be satisfactory to a majority of the members of the Committee of Examination, including the representative of the department in which the thesis was written.

A complete, typed copy of the thesis shall be in the hands of the professor under whom the thesis is written, for correction, by April 19, and three permanently bound typewritten copies shall be presented for examination not later than May 3 of the year in which it is expected the degree will be conferred. Theses submitted after May 3 shall not be considered as fulfilling the requirements for graduation in that academic year. In the case of extensive corrections of the thesis in the course of the examination, such retyping and rebinding of the thesis as the Committee of Examination may desire shall be required.

PRESEMINARY CURRICULUM

The Divinity School, in substantial agreement with the standards of the American Association of Theological Schools, recommends that prospective candidates for admission keep in mind the desirability of including the following in their undergraduate curriculum:

Two years' work in English literature and composition.

Two years in a foreign language.

One semester each in psychology, philosophy, and sociology (or economics).

One year in history.

An introduction to the natural sciences with adequate laboratory work (biology or one of the physical sciences).

Proficiency in public speaking.

REQUIREMENTS FOR THE DEGREE OF BACHELOR OF DIVINITY

GENERAL REQUIREMENTS

Ninety semester hours are required for graduation. Forty-five of these must be the following:

Old Testament	6 s.h.
New Testament	6 s.h.
Christian Doctrine	6 s.h.
Church History	6 s.h.
Homiletics	6 s.h.
History of Religion and Missions	6 s.h.
Religious Education	3 s.h.
Practical Theology	3 s.h.
Philosophy of Religion and Christian Ethics	3 s.h.
	45 s.h.

MAJORS AND THESES

Each student must select a major field in which he elects to write his thesis and in which he must take fifteen semester hours including the general requirement in that field. This choice must be made by the end of the Middle year. A student may take his major in any of the departments of the Divinity School. He may also take his major in English Bible. To major in that field, he must complete in addition to the required work in the Departments of Old Testament and New Testament six semester hours in the Department of Old Testament and six semester hours in the Department of New Testament, exclusive of language.

DISTRIBUTION OF COURSES BY YEARS

JUNIOR YEAR

Old Testament	6 s.h.
New Testament	6 s.h.
Church History	6 s.h.

The remaining twelve semester hours shall be chosen from the remaining required courses in the Departments of Practical Theology, Religious Education, History of Religion and Missions, but not more than six semester hours shall be taken in one department. Students desiring courses in Greek and Hebrew may secure a suitable rearrangement of the distribution of courses by years on approval of the Registration Committee.

12 s.h.
30 s.h.

MIDDLE YEAR

Christian Doctrine	6 s.h.
Homiletics	6 s.h.
Philosophy of Religion and Christian Ethics	3 s.h.

After all other required courses are completed, the remainder of the work of this year is elective, but not more than twelve semester hours shall be taken in one department.

15 s.h.
30 s.h.

SENIOR YEAR

In the Senior year the student must fulfill all general requirements not completed in the Junior and Middle years. The remainder of the work is elective.

30 s.h.

TABLE OF REQUIRED COURSES

OLD TESTAMENT

203-204. Introduction to the Old Testament 6 s.h.

NEW TESTAMENT

213-214. The Beginnings of Christianity 6 s.h.

CHRISTIAN DOCTRINE

321. Introduction to Theology, *and* 3 s.h.

322. Introduction to the History of Christian Thought 3 s.h.

CHURCH HISTORY

233. Church History to the Reformation 3 s.h.

234. The History of the Evangelical Movement 3 s.h.

HOMILETICS

341-342. Theory and Practice of Preaching 6 s.h.

PRACTICAL THEOLOGY

351. Church Administration 3 s.h.

RELIGIOUS EDUCATION

262. The Educational Work of the Church 3 s.h.

PHILOSOPHY OF RELIGION AND CHRISTIAN ETHICS

291. Christian Ethics 3 s.h.

HISTORY OF RELIGION AND MISSIONS

281. Living Religions of the World 3 s.h.

282. Missionary Promotion 3 s.h.

COURSES OF INSTRUCTION*

This is a condensed description of courses. For a full description, see Bulletin of the Divinity School.

OLD TESTAMENT

- 201-202. First Hebrew.—6 s.h. ASSOCIATE PROFESSOR STINESPRING
- 203-204. Introduction to the Old Testament.—6 s.h.
PROFESSOR RUSSELL AND ASSOCIATE PROFESSOR STINESPRING
301. Old Testament Theology.—Prerequisite: Old Testament 203-204.
3 s.h. PROFESSOR RUSSELL
303. The Exegesis of Selected Books of the Old Testament.—Prerequisite:
Old Testament 203-204. 3 s.h. PROFESSOR RUSSELL
304. Aramaic.—3 s.h. ASSOCIATE PROFESSOR STINESPRING
[Not offered in 1942-43]
- 305-306. Elementary Arabic.—6 s.h. ASSOCIATE PROFESSOR STINESPRING
[Not offered in 1942-43]
- 307-308. Second Hebrew.—6 s.h. ASSOCIATE PROFESSOR STINESPRING
309. History of the Ancient Near East.—3 s.h.
ASSOCIATE PROFESSOR STINESPRING
310. Old Testament Prophecy.—3 s.h. ASSOCIATE PROFESSOR STINESPRING
- 401-402. Thesis Seminar. DEPARTMENTAL STAFF

NEW TESTAMENT

- 211-212. Hellenistic Greek.—6 s.h. ASSISTANT PROFESSOR CLARK
- 213-214. The Beginnings of Christianity.—6 s.h.
PROFESSOR BRANSCOMB AND ASSISTANT PROFESSOR CLARK
217. The New Testament in Greek.—Prerequisite: six semester hours'
study of the Greek language. 3 s.h. PROFESSOR BRANSCOMB
218. Galatians and I Corinthians.—Prerequisite: New Testament 217 or
its equivalent. 3 s.h. ASSISTANT PROFESSOR CLARK
[Not offered in 1942-43]
219. Life of Paul.—3 s.h. PROFESSOR MYERS
220. I Peter and the Gospel of John.—Prerequisite: New Testament 217
or its equivalent. 3 s.h. PROFESSOR BRANSCOMB
311. The Life and Teachings of Jesus.—Prerequisite: New Testament 213-
214. 3 s.h. PROFESSOR BRANSCOMB

* On recommendation of the professor in charge of the major field, courses offered in the Graduate School of Arts and Sciences other than those approved for credit in the Divinity School may be approved for credit in individual cases, provided no equivalent course is offered in the Divinity School; each case to be decided on its merits.

312. **New Testament Theology.**—Prerequisite: New Testament 213-214.
3 s.h. PROFESSOR RUSSELL
313. **Apostolic Fathers.**—3 s.h. ASSISTANT PROFESSOR CLARK
314. **Early Christian Apologists.**—3 s.h. PROFESSOR BRANSCOMB
315. **Judaism at the Beginning of the Christian Era.**—Prerequisite: New Testament 213-214. 3 s.h. PROFESSOR BRANSCOMB
316. **Hellenistic Religions at the Beginning of the Christian Era.**—Prerequisite: New Testament 213-214. 3 s.h. ASSISTANT PROFESSOR CLARK
318. **Text of New Testament.**—Prerequisite: New Testament 213-214 and a reading knowledge of Greek. 3 s.h. ASSISTANT PROFESSOR CLARK
- 411-412. **Thesis Seminar.** DEPARTMENTAL STAFF

CHRISTIAN DOCTRINE

221. **Platonism and Christianity.**—Prerequisite: six semester hours in philosophy or its equivalent (Christian Doctrine 321). 3 s.h.
[Not offered in 1942-43] ASSISTANT PROFESSOR OUTLER
222. **Theology and Philosophy in the Nineteenth Century.**—Prerequisite: six semester hours in philosophy or its equivalent (Christian Doctrine 321). 3 s.h.
[Not offered in 1942-43] ASSISTANT PROFESSOR OUTLER
321. **Introduction to Theology.**—3 s.h. PROFESSOR ROWE
322. **Introduction to the History of Christian Thought.**—3 s.h. ASSISTANT PROFESSOR OUTLER
323. **The Christian Conception of the Church.**—Prerequisite: Christian Doctrine 321. 3 s.h. ASSISTANT PROFESSOR OUTLER
324. **The Content of Christian Doctrine.**—Prerequisite: Christian Doctrine 321. 3 s.h. PROFESSOR ROWE
325. **Soteriology.**—Prerequisite: Christian Doctrine 321. 3 s.h.
[Not offered in 1942-43] PROFESSOR ROWE
326. **Eschatology.**—Prerequisite: Christian Doctrine 321. 3 s.h.
[Not offered in 1942-43] PROFESSOR ROWE
327. **Arminian Theology.**—Prerequisite: Christian Doctrine 321. 3 s.h. PROFESSOR ROWE
328. **Current Theology.**—Prerequisite: Christian Doctrine 321. 3 s.h. PROFESSOR ROWE
329. **Seminar in Historical Theology.**—2 s.h. ASSISTANT PROFESSOR OUTLER
- 321-322. **History of Christian Thought I.**—Prerequisite: Christian Doctrine 321. 3 s.h. ASSISTANT PROFESSOR OUTLER
- 321-322. **History of Christian Thought II.**—Prerequisite: Christian Doctrine 321. 3 s.h. ASSISTANT PROFESSOR OUTLER
- 427-428. **Thesis Seminar.** DEPARTMENTAL STAFF

CHURCH HISTORY

233. Church History to the Reformation.—3 s.h.
ASSISTANT PROFESSOR PETRY
234. History of the Evangelical Movement.—3 s.h. PROFESSOR GARBER
331. The Social Message of the Early and Medieval Church.—Prerequisite: Church History 233-234. 3 s.h. ASSISTANT PROFESSOR PETRY
332. The Medieval Church.—Prerequisite: Church History 233-234. 3 s.h. ASSISTANT PROFESSOR PETRY
334. A History of Christian Renunciation in the Middle Ages.—Prerequisite: Church History 233-234. 3 s.h. ASSISTANT PROFESSOR PETRY
[Not offered in 1942-43]
- 335-336. The Church in America.—Prerequisite: Church History 233-234. 6 s.h. PROFESSOR GARBER
[Not offered in 1942-43]
337. Religion in the Southern States since the Civil War.—Prerequisite: Church History 233-234. 3 s.h. PROFESSOR GARBER
[Not offered in 1942-43]
339. Methodism.—Prerequisite: Church History 233-234. 3 s.h. PROFESSOR GARBER
[Not offered in 1942-43]
431. Modern Religious Leaders.—Prerequisite: Church History 233-234. 3 s.h. PROFESSOR GARBER
432. Religious Leaders of the Early and Medieval Church.—Prerequisite: Church History 233-234. 3 s.h. ASSISTANT PROFESSOR PETRY
- 437-438. Thesis Seminar. DEPARTMENTAL STAFF

HOMILETICS

- 341-342. Theory and Practice of Preaching.—6 s.h. PROFESSORS HICKMAN AND MYERS
343. Psychology of Preaching.—3 s.h. PROFESSOR HICKMAN
[Not offered in 1942-43]
344. Pastoral Psychology.—3 s.h. PROFESSOR HICKMAN
[Not offered in 1942-43]
345. Major Types of Preaching.—Prerequisite: Hom. 341-342. 3 s.h. PROFESSOR HICKMAN
346. Doctrinal Preaching.—Prerequisite: Hom. 341-342. 3 s.h. PROFESSOR HICKMAN
347. Materials of Preaching.—Prerequisite: Hom. 341-342. 3 s.h. PROFESSOR MYERS
[Not offered in 1942-43]
348. History of Preaching.—Prerequisite: Hom. 341-342. 3 s.h. PROFESSOR MYERS

PRACTICAL THEOLOGY

351. Church Administration.—3 s.h. PROFESSOR ORMOND
352. Parish Evangelism.—3 s.h. PROFESSOR ORMOND

353. The Rural Church.—3 s.h. PROFESSOR ORMOND

354. Public Worship and Ordinances of the Church.—3 s.h.
PROFESSOR ORMOND

356. The Urban Church.—3 s.h.
[Not offered in 1942-43] PROFESSOR ORMOND

358a. Church Music.—2 s.h. MR. BARNES

358b. Church Architecture.—1 s.h. MR. HAINES

453-454. Practicum on Rural Church Work.—(Required of all students holding appointments on the Duke Endowment. No academic credit.)
PROFESSOR ORMOND

457-458. Thesis Seminar. PROFESSOR ORMOND

*220. Rural Sociology.—3 s.h. ASSOCIATE PROFESSOR THOMPSON

373. Pastoral Psychology.—3 s.h.
[Not offered in 1942-43] PROFESSOR HICKMAN

**459. Introduction to Psychiatry.—1 s.h.

RELIGIOUS EDUCATION

262. The Educational Work of the Church.—3 s.h. PROFESSOR SPENCE

263. The Principles and Theory of Religious Education.—Prerequisite: Religious Education 262. 3 s.h.
[Not offered in 1942-43] PROFESSOR SPENCE

363. Curriculum of Religious Education.—Prerequisite: Religious Education 262. 3 s.h.
[Not offered in 1942-43] PROFESSOR SPENCE

364. Educational Aspects of Worship.—Prerequisite: Religious Education 262. 3 s.h. PROFESSOR SPENCE

365. The History of Religious Education.—Prerequisite: Religious Education 262. 3 s.h. PROFESSOR SPENCE

366. The Educational and Spiritual Values of Great Literature.—Prerequisite: Religious Education 262. 3 s.h.
[Not offered in 1942-43] PROFESSOR SPENCE

367. Technic of Teaching Religion.—Prerequisite: Religious Education 262. 3 s.h. PROFESSOR SPENCE

461-462. Thesis Seminar. PROFESSOR SPENCE

*206. Social Psychology.—3 s.h. ASSOCIATE PROFESSOR ADAMS

*223. Abnormal Psychology.—3 s.h. PROFESSOR LUNDHOLM

*228. Psychology of Belief.—2 s.h.
[Not offered in 1942-43] PROFESSOR LUNDHOLM

* Course offered in the Graduate School of Arts and Sciences which is credited toward the degree of Bachelor of Divinity.

** Course offered in the School of Medicine which is credited toward the degree of Bachelor of Divinity.

- **265. Religious Drama.—3 s.h. PROFESSOR SPENCE
- **268. Drama Construction and Production.—3 s.h. PROFESSOR SPENCE

HISTORY OF RELIGION AND MISSIONS

281. Living Religions of the World.—3 s.h. PROFESSOR CANNON
282. Missionary Promotion.—3 s.h. PROFESSOR CANNON
284. Comparative Religion.—Prerequisite: 281. 3 s.h. PROFESSOR CANNON
285. The Religions of the Far East.—3 s.h. PROFESSOR CANNON
[Not offered in 1942-43]
286. The Religions of India.—3 s.h. PROFESSOR CANNON
[Not offered in 1942-43]
287. Mohammedanism.—Prerequisite: 281. 3 s.h. PROFESSOR CANNON
289. Buddhism.—Prerequisite: 281. 3 s.h. PROFESSOR CANNON
- 481-482. Thesis Seminar. PROFESSOR CANNON

PHILOSOPHY OF RELIGION AND CHRISTIAN ETHICS

291. Christian Ethics I.—3 s.h. PROFESSOR SMITH
292. Christian Ethics II.—3 s.h. PROFESSOR SMITH
293. The Christian Religion and Modern Thought.—3 s.h. ACTING PROFESSOR DUBS
[Not offered in 1942-43]
294. The Christian Religion and Values.—3 s.h. ACTING PROFESSOR DUBS
[Not offered in 1942-43]
295. Philosophical Foundations of Religious Belief I.—3 s.h. ACTING PROFESSOR DUBS
296. Philosophical Foundations of Religious Belief II.—3 s.h. ACTING PROFESSOR DUBS
- 393-394. Religious Thought in the Rise of American Culture.—6 s.h. PROFESSOR SMITH
397. Seminar in American Religious Thought.—2 s.h. PROFESSOR SMITH
398. Seminar in Christian Ethics.—2 s.h. PROFESSOR SMITH
491. Thesis Seminar. PROFESSOR SMITH

*203. The Philosophy of Conduct.—3 s.h. ASSOCIATE PROFESSOR MORGAN

*209. Philosophy of Religion I: Philosophical Introduction.—3 s.h. PROFESSOR WIDGERY
[Not offered in 1942-43]

* Course offered in the Graduate School of Arts and Sciences which is credited toward the degree of Bachelor of Divinity.

** Course offered in Trinity College of Duke University which is credited toward the degree of Bachelor of Divinity.

- *210. **Philosophy of Religion II: Philosophical Introduction.**—3 s.h.
 [Not offered in 1942-43] PROFESSOR WIDGERY
- *226. **The History of Ethics.**—3 s.h. ASSOCIATE PROFESSOR MORGAN
 [Not offered in 1942-43]

SOCIOLOGY

At least five semester hours of undergraduate sociology are prerequisite to all courses of the Department, except 236 and 299. Students whose undergraduate training in sociology has been inadequate but who wish to pursue further work in the Department are advised to consult with the chairman of the Department of Sociology regarding the removal of their deficiency as soon as possible after matriculation in the Divinity School.

236. **Social Ethics.**—3 s.h. PROFESSOR HART
299. **Marriage and Family Counseling.**—2 s.h. PROFESSOR HART
- 421-422. **Thesis Seminar.** PROFESSOR HART

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- *205. **Social Pathology.**—3 s.h. PROFESSOR JENSEN
- *206. **Criminology.**—3 s.h. PROFESSOR JENSEN
- *212 **Child Welfare.**—3 s.h. PROFESSOR JENSEN
 [Not offered in 1942-43]

- *215. **Rural Sociology.**—3 s.h. ASSOCIATE PROFESSOR THOMPSON
- *216. **Urban Sociology.**—3 s.h. ASSOCIATE PROFESSOR THOMPSON
- *319. **Principles of Sociology.**—3 s.h. PROFESSOR ELLWOOD
- *320. **History of Social Philosophy.**—3 s.h. PROFESSOR ELLWOOD

* Course offered in the Graduate School of Arts and Sciences which is credited toward the degree of Bachelor of Divinity.

GENERAL INFORMATION

FEES

Tuition is remitted to students matriculated in the Divinity School, for which they are expected to render from time to time service which shall not interfere with their work in the Divinity School.

Each student is assessed per semester as follows:

Matriculation Fee	\$25.00
Library Fee	5.00
Athletic Fee	5.00
Publication Fee (optional)	2.50
Hospital Fee	5.00
Damage Fee	1.00

Each student is assessed, in the last semester before a degree is conferred, a Commencement Fee of \$3.00 and a Diploma Fee of \$5.00. The latter fee is refunded if the diploma is not awarded.

LATE REGISTRATION

Students matriculating in either semester at a date later than that prescribed in the catalogue shall pay to the Treasurer of the University a penalty of \$5.00.

ROOMS

All rooms in the dormitories are provided with heat, water, and electric light. Each student furnishes his own blankets, sheets, pillow slips, towels, and pillows. Students must furnish their own electric lamps, which can be purchased from the University Store.

Rooms for a given year may be engaged at the office of the Director in the Business Division at any time before May 15 of the preceding year. Every student who wishes to retain his room for the succeeding year must notify the office of the Director in the Business Division on or before May 15. All rooms which have not been signed for on or before May 15 will be considered vacant for the succeeding year. A reservation is canceled, and the University is free to rent the room to other students, unless a deposit of \$25.00 for each proposed occupant, in part payment of the rent, is made by August 1. Further information concerning the rental of rooms can be secured from the Dean of the Divinity School.

BOARDING HALLS

The University dining hall in the University Union has accommodations for all the resident men students. It is the policy of the University to furnish board to the students at actual cost. The Union is the logical center of student activities, and all male students are advised to board in its supervised halls.

STUDENT AID

Scholarships are available for students, the terms of which may be ascertained by correspondence with the Dean of the Divinity School. Aid is also given in securing positions in churches. Students who need financial help may be assured that the administration will do all in its power to give the necessary assistance.

N. EDWARD EDGERTON SCHOLARSHIP FUND

In 1939 Mr. N. Edward Edgerton, of Raleigh, North Carolina, an alumnus of Duke University of 1921 and a former president of the Duke University Alumni Association, established the N. Edward Edgerton Scholarship Fund in the Divinity School. The purpose of the Edgerton Fund as specified by the donor is a "scholarship or scholarships to be awarded only to students who are candidates for the B.D. degree in the Divinity School."

THE LIBRARY

The Divinity School has its own library, conveniently housed in the Divinity School Building. The Library, which contains materials dealing with the subject of religion, already numbers nearly thirty thousand volumes. It has been carefully selected and is the equivalent in working efficiency of many libraries which are much larger. It is already rich in complete files of the more important journals and periodicals, in sets containing source materials for the study of the history of religion and missions, in facsimiles of the more important manuscripts of the New Testament, and in source materials in the field of American church history. The Library is being rapidly expanded. One of the outstanding possessions of the Library is a magnificent Greek manuscript of the thirteenth or fourteenth century containing the entire text of the New Testament.

Besides this special library, students of the Divinity School have the use of the General Library of the University, the Library of the School of Law, and the Library of the School of Medicine. All these libraries are located near the Divinity School Building.

MASTER OF ARTS AND DOCTOR OF PHILOSOPHY DEGREES IN RELIGION

Graduate study in religion leading to the degrees of Master of Arts and Doctor of Philosophy may be pursued under the administrative direction of the Graduate School of Arts and Sciences.

Work toward these advanced degrees is available in three general fields: (1) Biblical Studies (Professor Branscomb, Adviser); (2) Studies in Church History (Professor Garber, Adviser); and (3) Studies in Christian Theology and Ethics (Professor Smith, Adviser). Courses approved by the Graduate Council for work in these fields are listed in the *Bulletin of the Graduate School*.

Students desiring additional graduate study for a degree beyond that of Bachelor of Divinity should apply to Calvin B. Hoover, Dean of the Graduate School of Arts and Sciences.

FACILITIES FOR ADVANCED STUDY IN THE AMERICAN SCHOOLS OF ORIENTAL RESEARCH

The Divinity School of Duke University is one of the supporting members of the American Schools of Oriental Research. This grants to students in the Divinity School the privilege of attending the American School in Jerusalem or the one in Bagdad without charge for tuition. They are also able to compete for the financial aids that are offered annually by the Schools. These consist of four fellowships, the stipends depending upon available funds.

RELIGIOUS LIFE

The students of the Divinity School are expected to attend the regular University Chapel services which are held on Tuesday and Friday of each week. Special chapel services for the Divinity School are held each Monday and Wednesday.

In this, as in other features of the University life, the students of the Divinity School are urged to identify themselves with the life of the whole student group.

DATE OF REGISTRATION

Classwork in the Divinity School for the academic session of 1942-43 will begin on Monday, September 21, 1942. The registration of students in the Divinity School will be held on Saturday, September 19, 1942.

ADDITIONAL INFORMATION

Requests for information not contained in this bulletin should be addressed to the Dean of the Divinity School, Duke University, Durham, North Carolina.

THE SCHOOL OF LAW

H. CLAUDE HORACK, PH.B., LL.B., LL.D.
Dean

1941-1942
ANNOUNCEMENTS FOR 1942-1943

Member of the Association of American Law Schools.
Approved by the American Bar Association.

Fall Semester, 1942, begins September 28, ends January 23; Spring Semester, 1943, begins January 25, ends May 15; Summer Semester, 1943, begins May 31, ends September 11.

SPECIAL WARTIME ARRANGEMENTS

Recognizing that great difficulties beset many of those who are seeking a legal education today, the Faculty of the Duke University School of Law has endeavored to minimize them through the efficient utilization of time. In making this endeavor, it has been constantly borne in mind that, both now and in the postwar world, those well trained in the law will find adequate opportunity for service.

The details of the School's Wartime Program are set forth under their appropriate headings elsewhere in this announcement; in essence, however, it calls for a three-semester calendar year, starting with the Summer Semester on June 1, 1942. Without sacrificing the quantity or quality of work previously required for graduation, this plan will permit the full coverage of the entire regular three-year course in two calendar years if it is so desired. Each semester's work will be complete in and of itself, and full programs for first-, second-, and third-year students will be offered each semester. Both beginning and advanced students may commence their work at the start of any of the semesters which are now scheduled to begin on June 1, 1942, September 28, 1942, January 25, 1943, and May 31, 1943. For the duration of the emergency, students with superior grades will be admitted who have completed as much as two years of college work.

Students who so desire may spread their work over three years by omitting one semester in any one calendar year.

The purpose of this program is to offer students an opportunity to become adjusted to law study and proceed therewith as far as possible before entering military service, so that, after the completion of such service, their entrance into postwar professional life will not be unduly delayed. For those who are not eligible for military service, it offers an opportunity to accelerate their professional training during a period when there is a special need for well-trained young lawyers, both men and women, in private offices and government service.

In modifying its requirements to permit entrance after the completion of two years of college work the Duke University School of Law continues to comply in full with the standards of the Association of American Law Schools and of the American Bar Association.

The exigencies of wartime may dictate modifications in the course offerings and other features of the program described in this bulletin. Accordingly, the School reserves the right to make such variations in the program herein described as circumstances may require.

THE SCHOOL: ITS PURPOSES AND METHODS

Built on the foundation of the School of Law of Trinity College, with its history of legal instruction running back to the middle of the past century, the Duke University School of Law was established in 1924. In 1930 the School was moved into its new building, the Faculty and Library were greatly increased, and the activities of the School broadened. The School of Law is a member of the Association of American Law Schools and is on the "Approved List" of the American Bar Association. Over the past five years, the School has had an average representation in its student body each year of more than thirty states and sixty institutions of higher learning.

The curriculum of the School of Law provides thorough preparation for the practice of law in any state. It affords in the third year opportunities for specialization in particular branches of the law.

In carrying out the trust imposed by the indenture establishing the Duke Endowment, the School of Law seeks to have the student acquire knowledge and comprehension not only of legal doctrine, but also of the judicial process and of the social, economic, and political problems with which law and lawyers must deal. The method of instruction employed compels analysis of judicial opinions and inquiry into the nonlegal as well as the legal considerations which underlie them. In appropriate courses, special consideration is given to the work of the legislative and administrative agencies of government. Scope for creative student work is provided by seminar courses and supervised individual study and research.

The student is not left to obtain practical training in his first years of practice. In the practice course and in the work of the Legal Aid Clinic, described elsewhere in this bulletin, the student secures experience in important phases of professional activity. A student Bar Association has afforded a means whereby the student may gain acquaintance with the professional organizations through which a lawyer may and should contribute to the well-being of his profession and of society.

THE NEW PROGRAM

Because of changes in the program made necessary by the war, the program of instruction comprising courses of the *New Program* announced in the Bulletin Announcement for 1941-1942 will be suspended for the duration of the emergency.

ADMISSION OF STUDENTS—REGISTRATION—FEES

DIRECTIONS TO APPLICANTS FOR ADMISSION

Applications should be made on the prescribed Law School application blanks which will be sent upon request, and no application is complete until all required documents are on file. Each application for regular or advanced standing must be accompanied by a complete transcript of record and evidence of graduation or right to honorable withdrawal from the institution from which credit is offered. To the application blank should be attached a recently made personal photograph. Letters from responsible persons, certifying to the character and ability of the applicant, are required.

It is desired that students may be selected who give promise of leadership in some of the various phases of professional activity. It is recognized that such selection is difficult. Graduation from Duke University School of Law, however, is intended to constitute evidence of capacity for superior work in some branch of the profession of law. Applicants for admission and their sponsors are requested to keep this fact in mind.

REQUIREMENTS FOR ADMISSION

Under the Wartime Program a person may be admitted as a candidate for the degree of Bachelor of Laws who has completed in a college of approved standing work equivalent in number of units to one half of the work acceptable for a Bachelor's degree granted on the basis of a four-year period of study and whose college work in its entirety shows an average grade equal to that required for graduation, the requirement in each case being determined by the regulations of the college where the work was taken. In the case of students presenting only two years of college credit a higher average of work may be required.

COMBINED COURSE

A number of colleges, upon application by their students, have permitted those who have completed three years of undergraduate work, to enter the Law School of Duke University and upon the satisfactory completion of the first year of law school work to receive their Bachelor of Arts degrees from such colleges. It is suggested that students desiring to enter Duke University School of Law make inquiry of their proper college authorities regarding this point.

A student from an undergraduate college of Duke University who has completed three years of study may apply to that college to enroll in a

combined course wherein his first year of law study may be accepted toward the Bachelor of Arts degree, and, upon the completion of four additional semesters of law study, he will receive the Bachelor of Laws degree.

ADMISSION TO ADVANCED STANDING

Any person, who has complied with the requirements for admission set forth in this announcement, prior to the commencement of his law study, who shall present evidence of the satisfactory completion of any part of the curriculum at any law school which is a member of the Association of American Law Schools, and who is eligible for readmission to the law school from which he proposes to transfer, may be admitted to advanced standing, subject to such rules as would be applicable to students in this School having a comparable scholastic record. Provisional credit for courses so completed shall be given, final credit for such work to be conditioned on the completion of at least one full year of law study in this School with an average of at least five points above the passing grade. Adjustment of credit for work done in such other law schools may be by vote of the Faculty.

CANDIDATES FOR GRADUATE DEGREES

Applications for admission to graduate study should be addressed to the Dean of the Law School and should include transcripts of records of legal and pre-legal work.

MATRICULATION, REGISTRATION, AND ENROLLMENT

On the day of registration, e.g., June 1, 1942, or September 28, 1942, the applicant must obtain from the Dean of the Law School an admission card, indicating that he is entitled to register. Registration is conducted in the Law Building. All students, both old and new, are required to register at the beginning of each semester, at which time class schedule and course cards must be filled out and approved. Students matriculating in any semester at a date later than that prescribed in this bulletin shall pay to the Treasurer a penalty of \$5.00 for late registration unless excused therefrom. Instruction will begin in all classes on June 2, 1942, for the Summer Semester and September 29, 1942, for the Fall Semester.

All students are admitted subject to the rules of the University and of the School of Law, and continuance in the School is conditioned upon the observance of such rules.

(Many states now require that the student, prior to or shortly after beginning the study of law, must register with the board of bar examiners of the state in which he expects to practice. Each student should write to the secretary of the board of bar examiners of such state in order to be sure that all requirements are fulfilled.)

FEES AND EXPENSES

Tuition and registration fees are due at the beginning of each semester. The matriculation fee is \$25.00 a semester. The tuition fee is \$100.00 a semester. A damage fee of \$1.00 is collected at the beginning of the first semester only, an athletic fee of \$5.00 at the beginning of each Fall and Spring Semester, a library fee of \$5.00 each semester, and a medical fee of \$5.00 each semester. The graduation fee, payable by all students to whom a degree is awarded, is \$10.00.

REQUIREMENTS FOR BACHELOR OF LAWS DEGREE—STUDENT PROGRAMS

BACHELOR OF LAWS DEGREE

Upon favorable recommendation of the Faculty, the degree of Bachelor of Laws will be conferred on students who shall have successfully completed six semesters' study of law, the last two semesters of work immediately preceding the granting of such degree having been completed, except under extraordinary circumstances, in this School.

A student shall be deemed to have completed successfully six semesters' study of law if during this period he has

(1) secured a passing grade in courses aggregating the number of semester hours in the first-year program, in required courses in other years, and in courses constituting its faculty-approved student minimum programs for the second and third years;

(2) secured in every required course a grade not requiring repetition thereof; and

(3) secured an average grade at least five points above passing in all work taken other than first-year courses, or, if the grade in such work is lower than that above specified, an average grade of five points above passing in all work taken.

Students who shall have spent only their last two semesters of study in residence in this School must have received an average grade at least five points above passing for that year.

FEATURES OF THE WARTIME CURRICULUM

To facilitate the start of law study in any semester and also to minimize loss of work caused by withdrawal for military service during a school year, all courses are one-semester courses. Courses previously continuing for two semesters are now completed in one semester, but the total number of hours devoted to each course has not been diminished.

The first-year program will be repeated every two semesters, and a student entering in any semester may complete his first year's work by the end of the succeeding semester. Thus, some students will begin the work of their first year in the Summer Semester, 1942, and complete their first year's work in the Fall Semester, 1942. Others will begin in the Fall Semester, 1942, and complete their first year's work in the Spring Semester, 1943. After the coming Summer Semester, some students in each first-year course will have had one semester of law study while others will be beginners. To aid the latter in adjusting rapidly to the new work, a special introductory course of instruction in law study has been provided.

The courses for the second and third years of law study have been arranged in a sequence of four semesters. Each such course will be offered at least once during the four-semester period, but most of them will be offered only once. Irrespective of the semester in which he begins his second-year work, the student who continues through four successive semesters will have an opportunity to select from the School's entire offering of courses.

Courses available to first-year, and to second- and third-year students, respectively, are listed below.

THE FIRST-YEAR PROGRAM

All of the first-year courses are required for graduation, although a student transferring to this school may, with the approval of the Dean, substitute therefor the first year of work taken in the school from which he has transferred. Repetition of a first-year course which a student has failed is required only if the instructor so indicates upon reporting the student's grades. A student not receiving a passing grade, or receiving a grade less than 5 points above the passing grade, in any course in his first semester of law study may, in the discretion of the Faculty, be granted a re-examination in such course with the opportunity of raising his grade to, but not to exceed, 5 points above the passing grade.

The following courses comprise the work of the first year:

<i>Semester</i>		<i>Semester</i>	
Summer, 1942; Spring, 1943		Fall, 1942; Summer, 1943	
Fall, 1943; Summer, 1944		Spring, 1944; Fall, 1944	
<i>Subject</i>	<i>Hours</i>	<i>Subject</i>	<i>Hours</i>
Criminal Law	3	Agency	2
Introduction to Procedure	3	Contracts	6
Personal Property	2	Family Law	2
Torts	5	Possessory Estates	2
Legal Bibliography	1	Legal Bibliography ²	1
Introduction to Law Study ¹	1	Introduction to Law Study	1
	<hr/> 15		<hr/> 14

THE SECOND- AND THIRD-YEAR PROGRAM

Courses in the second and third years are elective, with the exception of Legal Ethics and Legal Aid Clinic I and II. Two semesters' work in the Clinic is required of all students. This work should be commenced in the first semester of the third year or the second semester of the second year, depending upon the semester in which Legal Aid Clinic I falls.

The satisfactory completion of forty-eight semester hours in addition to the first-year program is required for graduation. Second- and third-year students usually carry from thirteen to fifteen hours of courses each semester.

¹ Not to be offered in the Summer Semester, 1942.

² To be taken only in a student's first semester of law study.

Up to two hours' credit per semester may be obtained by students arranging either to engage in the individual study of a branch of law or to conduct research on a legal problem. Arrangements for this work should be developed with the instructor under whose supervision the work is to be carried out.

The course in Pleading is prerequisite to the course in Practice. Except with the permission of the instructor, students may not enroll in courses numbered II before completing courses of the same name numbered I. Permission of the instructor is also required for enrollment in Federal Taxation Seminar by students who have not completed Taxation.

The following courses are offered for second- and third-year students:

<i>Semester</i>		<i>Semester</i>	
Summer, 1942; Fall, 1943		Fall, 1942; Spring, 1944	
<i>Subject</i>	<i>Hours</i>	<i>Subject</i>	<i>Hours</i>
Business Associations I	4	Conflict of Laws	3
Conveyancing	3	Constitutional Law	5
Evidence	4	Equity II	3
Legal Ethics	1	Seminar in Federal Tax Problems	2
Pleading ¹	3	Future Interests	3
Practice ²	4	Municipal Corporations	2
Taxation	4	Practice ⁴	4
Wills and Administration	3	Trusts	3
Legal Aid Clinic I ³	3	Legal Aid Clinic II	2
Individual Study and Research ...	2	Individual Study and Research ...	2
<i>Semester</i>		<i>Semester</i>	
Spring, 1943; Summer, 1944		Summer, 1943; Fall, 1944	
<i>Subject</i>	<i>Hours</i>	<i>Subject</i>	<i>Hours</i>
Business Associations II	3	Administrative Law	2
Credit Transactions	4	Debtors' Estates	3
Equity I	3	Equity II	3
Federal Jurisdiction	2	Family Law Seminar	2
Negotiable Instruments	3	Labor Law	2
Pleading	3	Legislation	2
Regulation of Business	3	North Carolina Statutes	2
Legal Aid Clinic I	3	Practice	4
Individual Study and Research ...	2	Sales	2
		Legal Aid Clinic II	2
		Individual Study and Research ...	2

¹ Not to be offered in the Summer Semester, 1942.

² Not to be offered in the Fall Semester, 1943.

³ Four hours will be offered third-year students wishing to complete their law study in the Summer Semester, 1942.

⁴ Not to be offered in the Fall Semester, 1942.

GRADUATE WORK IN LAW

REQUIREMENTS FOR ADMISSION TO GRADUATE STUDY

Any person who shall have received the first degree in law from a law school qualified for membership in the Association of American Law Schools and whose college course and law course combined shall have occupied at least six years, may be admitted as a candidate for the degree of Master of Laws. In exceptional cases an applicant who does not meet all the above requirements may, on vote of the Faculty, be admitted to candidacy for this degree where he is able to demonstrate that he is specially qualified, as by reason of practice or teaching.

Any person holding the degree of Master of Laws from this or any other law school which is qualified for membership in the Association of American Law Schools may, on vote of the Faculty, be admitted to candidacy for the degree of Doctor of Juridical Science, provided he completed the work for the Master's degree with distinction.

THE DEGREE OF MASTER OF LAWS

Upon favorable recommendation of the Faculty, the degree of Master of Laws will be conferred on students who have successfully completed during a period of residence at this School totaling at least one year a course of study approved by the Committee on Graduate Study.

The courses of study leading to this degree are designed to provide for the needs of two classes of students: (1) graduates of approved law schools who desire a fourth year of study for the purpose of undertaking an intensive study of some specialty, or who desire to broaden their legal education through the study of such subjects as jurisprudence and legal history; (2) graduates of approved law schools who desire to teach law or engage in legal research and who intend to become candidates for the degree of Doctor of Juridical Science.

One year of resident study is required for the degree of Master of Laws. No thesis is required. The course of study is prescribed by the Committee on Graduate Study after consultation with the individual student. Opportunity will be afforded the student to include in his program such second- and third-year law courses, not already completed, as are desirable for the rounding out or supplementing of his previous training. In some cases, courses in other departments of the University may be included. In the case of students whose interests lie in further preparation for practice, the course will normally include registration in subjects totaling twelve hours each semester. In the case of students interested primarily in legal research, a lighter schedule, so far as enrollment in formal courses is concerned, may be arranged. In cases where less than twelve hours' work is prescribed for either semester, the Committee on

Graduate Study may require that the student complete the work undertaken with a grade considerably higher than that required of candidates for the first degree in law.

THE DEGREE OF DOCTOR OF JURIDICAL SCIENCE

Upon favorable recommendation of the Faculty, the degree of Doctor of Juridical Science will be conferred on students admitted to candidacy for that degree who complete and submit a monograph or series of essays suitable for publication and deemed by the Faculty to be of distinguished character. At least one academic year and, in the absence of an extension granted by the Faculty upon petition thereto, not more than three years, must elapse between the awarding of the Master's degree and the awarding of the degree of Doctor of Juridical Science. Students who have received the degree of Master of Laws from another law school must spend at least one year engaged in research at this School and may in addition be required to complete a course of study prescribed by the Committee on Graduate Study.

SPECIAL FACILITIES AND ACTIVITIES

THE LAW SCHOOL BUILDING

The Law Building, like all other structures on the main campus of Duke University, is in Tudor Gothic style of colorful Cambrian stone from the Duke University quarries. It was occupied by the School of Law for the first time in September, 1930. In it are classrooms, seminar rooms, offices for Faculty and Staff, quarters for the Legal Aid Clinic and for the Duke Bar Association, a courtroom equipped for trial court and appellate court sessions, and the Law Library.

THE LAW LIBRARY

The Law Library, containing a collection of more than seventy thousand volumes, is the largest law school collection in the South. It consists of American and English statutory and case law; a collection of Continental law materials; treatises, digests, encyclopedias; the various selected case series; a comprehensive collection of legal periodicals; and publications in the fields of history, economics, government, and the other social sciences, supplemental to the strictly legal materials. The Library receives every current legal periodical of general interest printed in the English language.

There are several thousand additional volumes, of a legal nature in the main library building, immediately adjoining the Law School, as well as the general collection of nearly a half million volumes, to all of which the law students and Faculty have convenient access.

The Law Library is administered by a professionally trained staff and is open to the public daily throughout the year and in the evenings as well whenever the Law School is in session.

THE LEGAL AID CLINIC

A Legal Aid Clinic was organized at the School of Law in 1931 under the direction of Professor John S. Bradway, who had directed similar undertakings in Philadelphia and Los Angeles. The purpose of the Clinic is threefold: to give the student experience in handling actual cases; to develop creative skills, techniques, and mental habits; to encourage a sense of responsibility to client, court, profession, and community.

THE PRACTICE COURSE

The practice course in the School of Law is under the direction of Judge T. D. Bryson, who for eight years was judge of the Superior Court of the Twentieth Judicial District of North Carolina. The object of the course is to offer third-year students an opportunity to visualize by actual

experience the application of the principles of law imparted in other courses.

LAW AND CONTEMPORARY PROBLEMS

The School of Law publishes a quarterly, *Law and Contemporary Problems*, under the editorship of Professor Cavers and Associate Professor Sanders. This periodical, now in its ninth volume, presents in each issue a symposium on a problem of current legal importance, in which the interrelated social and economic, as well as legal, factors are discussed by writers of competence in these respective fields. Where student research may contribute to the understanding of the legal aspects of such problems, student writings are accepted for publication. Included among the topics discussed in the first eight volumes of *Law and Contemporary Problems* are food and drug control, low-cost housing, installment selling, migratory divorce, alimony, expert testimony, social security legislation, the compensation of the motor accident victim, the Securities Act of 1933, price discrimination and price cutting, collective bargaining under the Wagner Act, the wage and hour law, the Sherman Antitrust Act, federal income and estate taxation, railroad reorganization, alcoholic beverage control, combating the loan shark, governmental marketing barriers, consumption taxes, and emergency price control.

The circulation of *Law and Contemporary Problems* extends not only to members of the legal profession and law libraries throughout the country, but also to industrial and financial concerns, governmental agencies, and public and general university libraries. Individual issues are not infrequently used as materials for study in university courses.

THE DUKE BAR ASSOCIATION

The Duke Bar Association was established in the spring of 1931. It is composed of all the students of the Law School and is organized along the lines of the American Bar Association. Its purpose is to introduce the student to the problems considered by the bar in professional organizations and to develop professional consciousness and responsibility. The activities of the Association, which until the emergency included publication of the *Duke Bar Association Journal*, may be limited during the war period. Dean Horack of the Law Faculty serves as general adviser to the student officers.

SCHOLARSHIPS AND LOAN FUNDS

Scholarships are granted each year to the three students with the best scholastic records in the first- and second-year classes.

The University administers certain endowed loan funds for the benefit of students who are not financially able to meet their expenses, for the purpose of aiding worthy students who have established a satisfactory record at the School to continue their education.

Two funds have been provided out of which small loans may be made to tide students over temporary financial emergencies arising during the course of the year. One of these was supplied by the Law School Guild and is limited as to amount and duration of loan. The other is due to the generosity of Mr. P. Frank Hanes of the Winston-Salem bar and is limited to the needs of selected students. These funds are administered by a committee of the Faculty.

WILLIS SMITH PRIZE

Mr. Willis Smith, a member of the Raleigh bar and Chairman of the Law School Committee of the Board of Trustees of Duke University, awards each year to that member of the graduating class of the Law School who has maintained the highest scholastic average during the entire three years of law school work, a prize consisting of a set of books selected personally by Mr. Smith each year for that purpose.

ORDER OF THE COIF

A chapter of the Order of the Coif, national legal scholarship society, has been established at Duke University School of Law. Its purpose is "to foster a spirit of careful study and to mark in a fitting manner those who have attained a high grade of scholarship." Election is restricted to the 10 per cent of the graduating class who have attained the highest rank in their law school work.

COURSES OFFERED

This is a condensed description of courses. For a full description, see Bulletin of the School of Law.

1. GENERAL COURSES

Torts. Five hours a week, Summer Semester, 1942; Spring Semester, 1943. PROFESSOR MAGGS

Introduction to Law Study. One hour a week, each semester, both parts beginning with the Fall Semester, 1942. PROFESSOR CAVERS

Equity I. Three hours a week, Spring Semester, 1943. PROFESSOR HORACK

Equity II. Three hours a week, Fall Semester, 1942. PROFESSOR HORACK

Trusts. Three hours a week, Fall Semester, 1942. PROFESSOR LOWNDES

Conflict of Laws. Three hours a week, Fall Semester, 1942. PROFESSOR CAVERS

Family Law. Two hours a week, Fall Semester, 1942; Summer Semester, 1943. PROFESSOR BRADWAY

Family Law Seminar. Family Law is prerequisite. Two hours a week, Summer Semester, 1943. PROFESSOR BRADWAY

North Carolina Statutes. Two hours a week, Summer Semester, 1943. PROFESSOR BRYSON

2. BUSINESS COURSES

Contracts. Six hours a week, Fall Semester, 1942; Summer Semester, 1943. PROFESSOR McDERMOTT

Agency. Two hours a week. Fall Semester, 1942. PROFESSOR LOWNDES
Summer Semester, 1943. PROFESSOR LATTY

Sales. Two hours a week, Summer Semester, 1943. PROFESSOR LATTY

Negotiable Instruments and Banking. Three hours a week, Spring Semester, 1943. PROFESSOR LOWNDES

Business Associations I. Four hours a week, Summer Semester, 1942. PROFESSOR LATTY

Business Associations II—Finance and Accounting. Three hours a week, Spring Semester, 1943. PROFESSOR LATTY

Credit Transactions. Four hours a week, Spring Semester, 1943. PROFESSOR BOLICH

Debtors' Estates. Three hours a week, Summer Semester, 1943. PROFESSOR LATTY

Regulation of Business. Three hours a week, Spring Semester, 1943. PROFESSOR CAVERS

3. PROPERTY COURSES

Personal Property. Two hours a week, Summer Semester, 1942; Spring Semester, 1943. PROFESSOR LATTY

Possessory Estates. Two hours a week.
Fall Semester, 1942. PROFESSOR BOLICH
Summer Semester, 1943. PROFESSOR CAVERS

Conveyancing. Three hours a week, Summer Semester, 1942.
PROFESSOR BOLICH

Future Interests. Three hours a week, Fall Semester, 1942.
PROFESSOR BOLICH

Wills and Administration of Estates.—Three hours a week, Summer Semester, 1942. PROFESSOR McDERMOTT

Trusts. Three hours a week, Fall Semester, 1942. PROFESSOR LOWNDES

4. PUBLIC LAW COURSES

Criminal Law and Its Administration. Three hours a week, Summer Semester, 1942; Spring Semester, 1943. PROFESSOR BRYSON

Constitutional Law. Five hours a week, Fall Semester, 1942.
PROFESSOR MAGGS

Administrative Law. Constitutional Law is prerequisite. Two hours a week, Summer Semester, 1943. PROFESSOR MAGGS

Labor Law. Two hours a week, Summer Semester, 1943.
PROFESSOR CAVERS

Legislation. Two hours a week, Summer Semester, 1943.
PROFESSOR McDERMOTT

Regulation of Business. Three hours a week, Spring Semester, 1943.
PROFESSOR CAVERS

Municipal Corporations. Two hours a week, Fall Semester, 1942.
PROFESSOR McDERMOTT

Taxation. Four hours a week, Summer Semester, 1942.
PROFESSOR LOWNDES

Seminar in Federal Tax Problems. Two hours a week, Fall Semester, 1942. PROFESSOR LOWNDES

5. PROCEDURE AND PRACTICE COURSES

Introduction to Procedure. Three hours a week, Summer Semester, 1942; Spring Semester, 1943. PROFESSOR BOLICH

Pleading. Three hours a week, Spring Semester, 1943; Summer Semester, 1943. PROFESSOR BRYSON

Practice. Four hours a week, Summer Semester, 1942; Summer Semester, 1943. PROFESSOR BRYSON

Evidence. Four hours a week, Summer Semester, 1942.
PROFESSOR McDERMOTT

Federal Jurisdiction and Procedure. Two hours a week, Spring Semester, 1943. PROFESSOR LOWNDES

Legal Ethics. One hour a week, Summer Semester, 1942.

PROFESSOR BRADWAY

Legal Aid Clinic I. Four hours a week, Summer Semester, 1942; three hours a week, Spring Semester, 1943.

PROFESSOR BRADWAY AND LEGAL AID CLINIC STAFF

Legal Aid Clinic II. Two hours a week, Fall Semester, 1942; Summer Semester, 1943.

PROFESSOR BRADWAY AND LEGAL AID CLINIC STAFF

6. LEGAL RESEARCH AND WRITING

Legal Bibliography. One hour a week, each semester.

MR. ROALFF

Individual Study and Research.



THE SCHOOL OF MEDICINE

WILBURT CORNELL DAVISON, A.B., B.A., B.Sc., M.A., D.Sc., M.D.
Dean

1941-1942
ANNOUNCEMENTS FOR 1942-1943

1942 Autumn Quarter begins October 5, ends December 19;
Winter Quarter begins January 4, ends March 20; Spring
Quarter begins March 29, ends June 12; Summer Quarter
begins June 5, ends September 19.

GENERAL STATEMENT

Duke University School of Medicine and Duke Hospital were established in 1925, through the munificent gift of the late James B. Duke. The *School of Medicine* has been planned to insure the greatest correlation between the various departments. These facilities are available also for students who are studying for degrees other than that of Doctor of Medicine. The School of Medicine has been approved as Class A by the American Medical Association and is also a member of the Association of the American Medical Colleges. On October 2, 1941, two hundred and sixty-two students were enrolled.

FACILITIES OF THE HOSPITAL

Duke Hospital has every modern convenience for the diagnosis, proper care, welfare and comfort of the patients, both private and charity, white and colored, whether they come from Durham or from a distance. It has 604 beds, including 50 bassinets for newly born infants. *Medicine*, including dermatology and neurology, has 75 ward beds; *surgery*, including urology, otolaryngology, ophthalmology and orthopaedics, 143 ward beds; *obstetrics*, including *gynecology*, 56, and 50 bassinets; *neuropsychiatry*, 23; and *pediatrics*, 52. There are 205 private rooms and semiprivate cubicles, 7 operating rooms, and 4 obstetric delivery rooms. Offices and examining rooms for the members of the Medical Faculty are located in the Hospital. The Hospital has been approved for internships and residences by the Council on Medical Education and Hospitals of the American Medical Association.

Duke Hospital and its Public Dispensary were opened for patients on July 21, 1930. One hundred and sixty-four thousand, seven hundred individuals have been examined, diagnosed, and treated up to June 30, 1941. The average daily census of hospital patients is 405; 103,719 visits were made to the Public Dispensary during the past year. Fifteen per cent of the patients come from within a radius of twenty miles, the remaining 85 per cent come from the other 99 counties in North Carolina and from 29 other states. The average distance traveled by the patients is more than 70 miles.

Every effort is being made to co-operate with the medical profession, and patients are asked to return to the physicians who referred them to the Hospital and Clinic.

PUBLIC WARD PATIENTS. Duke Hospital cannot give charity treatment to all who apply; therefore, only patients whose incomes are less than \$15 per week should apply to the Public Dispensary Division of the Duke Clinic.

PRIVATE PATIENTS. Patients who can pay the ward and private rates may at any time, through their family physicians, in consultation with

any member of the Hospital Staff, make reservations by telephoning to the Admitting Office. Appointments for private examinations and treatments may be made in advance by telephoning to members of the Hospital Staff or to the Private Diagnostic Division of the Duke Clinic.

The next class of students will be admitted to the Duke University School of Nursing on October 1, 1942, but applications will be considered at any time after January 1, 1942. Further information about the entrance and other requirements, length of the course, tuition fees, application forms, and bulletins may be obtained by writing to the Dean of the School of Nursing, Duke University, Durham, N. C.

SCHOOL OF DIETETICS

In addition to the training of medical students and nurses in dietetics, six student dietitians may be admitted to the School of Dietetics and given the certificate of graduate dietitian after the successful completion of one year. The entrance requirements are a Bachelor's degree from an approved university or college, with majors in nutrition and institutional management, and the courses in chemistry, biology, social science, and education recommended by the American Dietetic Association. The course for student dietitians provides instruction in all phases of hospital and institutional dietetics, including experience from the buying and storage of food to its service to the patient according to the physician's orders. In addition, if applying for graduate credit, they will be required to complete the courses in biochemistry, nutrition, and selected portions of physiology as given to the medical students.

More detailed information and application blanks may be obtained from the Professor of Dietetics, Duke University School of Dietetics, Durham, N. C. The course starts the first Monday in September, but applications for appointments should be made before February 1. If receiving advanced credit, a tuition fee of \$50 is charged. All students pay a registration fee of \$10 at the time of appointment; maintenance is provided.

HOSPITAL ADMINISTRATION

Three or four internships in hospital administration leading to a certificate are available to university graduates, whose character, tact, and ability for leadership are good, and whose academic standing is high. These internships are of three years' duration and pay a small salary in addition to room, board, and laundry. Vacations of two weeks are allowed at the beginning of the second and third years of internship.

The instruction is practical rather than theoretical in emphasis. The interns are rotated through five different assistant administrative positions in the Hospital. There is also a weekly seminar lasting two hours.

During these three years, the interns also register in the Graduate School of Duke University, and receive the A.M. degree after the successful completion of a thesis and twenty-four semester hours of University courses in various fields. Further information may be obtained by writing to the Superintendent, Duke Hospital, Durham, N. C.

COURSE IN LABORATORY TECHNIQUE

The course in laboratory technique includes training in blood chemistry, clinical microscopy, bacteriology, serology, basal metabolism, and histopathological technique. The course, which is approved by the Registry of Technicians of the American Society of Clinical Pathologists, begins August 1 and lasts eighteen months. Two years of college work are required with credits in biology or zoology, and inorganic, analytical and organic chemistry. The registration fee is \$75, and there are no additional charges, except for breakage. The students live in town at their own expense. Applications may be sent to Dr. David T. Smith, Duke Hospital, Durham, N. C.

ANESTHESIA

A twelve month's postgraduate course in anesthesia is offered to registered nurses. The training includes the theory and practice of anesthesia as approved by the American Association of Nurse Anesthetists. Students are accepted each January 15, April 15, July 15, and October 15. The tuition fee of \$100 covers all necessary expenses including maintenance. Applications may be sent to Miss Mary H. Snively, Duke Hospital, Durham, N. C.

MEDICAL SOCIAL SERVICE

Case work service is offered to patients referred by physicians within the Hospital, by outside social service agencies, or upon the patient's own application. Assistance and advice in connection with the problems presented are available to the members of the Staff and referring agencies. The division also provides lectures, consultations, and discussions for students of medicine and nursing, and serves as an agency for supervised field-work experience for students of the Graduate School of the University of North Carolina. Further information concerning training for advanced students may be obtained from the Social Service Division, Duke Hospital, Durham, N. C.

RECORD LIBRARY

A course for the training of medical records librarians, which has been given full approval by the American Association of Medical Records Librarians, includes all details of the theory and practice of clinical record library methods. The length of the training is twelve months. The tuition fee is \$100 and does not include maintenance. Applications may be made to the Medical Records Librarian, Duke Hospital, Durham, N. C.

POSTGRADUATE STUDY

The School of Medicine is not limited to the training of its own students and Staff, but extends to the members of the medical profession the benefit of everything it has. Graduates in medicine are welcomed espe-

cially at the various clinics and demonstrations in medicine, surgery, obstetrics, and other specialties, which are held from 9 A.M. to 12:30 P.M. each Saturday and at the clinical-pathological conferences at 5 P.M. on Fridays. Postgraduate internships, for one or two weeks, are available to physicians in practice. No fees are charged; room and board can be obtained for \$10 per week. A three-day postgraduate symposium is given each October. Through the co-operation of the North Carolina State Board of Health, the U. S. Children's Bureau, and the School of Public Health of the University of North Carolina, weekly postgraduate courses in obstetrics and pediatrics for practicing physicians are given at Duke Hospital. Further information may be obtained by writing to the head of the department concerned or to the Dean.

INTERNSHIPS AND RESIDENCIES

Internships of one year's duration with room, board, laundry, and uniforms furnished, but without salary, are available in *surgery* (including general surgery, urology, and orthopaedics), *orthopaedics*, *urology*, *otolaryngology-ophthalmology*, *dentistry*, *obstetrics and gynecology*, *endocrinology*, *pediatrics*, and *pathology*, commencing each July and September.

Medical internships (including dermatology, neurology, and psychiatry) are of two years' duration, the intern rising by progressive stages of two months each to senior house officer. After one year's service the intern has the rank and emoluments of an assistant resident. Services begin in July, November, and March.

Application blanks for all internships, which must be returned by November 1, may be obtained by writing to the Superintendent, Duke Hospital, Durham, N. C. Graduates of any Class A medical school are eligible for internships.

After the completion of an internship in Duke Hospital or in another acceptable hospital, a certain number may be appointed as assistant residents in medicine, surgery, obstetrics and gynecology, pediatrics, psychiatry, neurology, dermatology, orthopaedics, urology, otolaryngology-ophthalmology, roentgenology, pathology, biochemistry, or the Student Health Service, or as fellows of the Private Diagnostic Clinic, at a salary of \$250 to \$500 per year with maintenance, and eventually may be promoted to the residency in the various departments or subdepartments of the Hospital at an annual salary of \$500 to \$1,000 with maintenance. Applications should be made to the head of the department concerned.

LIBRARY

In addition to the General Library of Duke University and the departmental libraries of biology, chemistry, physics, etc., which have 590,267 volumes available for medical students, Duke Hospital Library contains 38,680 volumes of American and foreign medical literature and subscribes to 427 current American and foreign medical and other scientific journals.

These books and journals are available daily from 8:30 A.M. to 11:00 P.M. for the students, nurses, staff, and medical profession.

REQUIREMENTS FOR ADMISSION

Intelligence and character are the essential qualifications for admission.

The minimum requirements* for admission to this School include approved college credits of not less than three full academic years, which shall include adequate preparation in English, mathematics, physics, biology, and chemistry. This preparation should be obtained in college courses of one-year duration except for chemistry. In that subject a two-year course is recommended; the first year to cover general (inorganic) chemistry, the second, analytic and organic chemistry.

The premedical student should be aware of the importance of a well-rounded general education as a preparation for the study of medicine and not limit himself to scientific courses. He would be better advised to secure a knowledge of the principles, and a thorough appreciation of the interrelations, of the basic sciences than to accumulate credits in many courses. He should learn how to work independently, observe critically, and to analyze, rather than simply store the information presented. His choice of studies, beyond those required for admission, should be governed by his own chief interests and by the intellectual stimulus to be derived from the work. His major interest may be in any field, scientific or otherwise, and should provide an opportunity for the demonstration of his real ability. In general he should avoid courses in subjects which are included in the medical curriculum.

The selection of students is based upon the quality rather than the quantity of preparation and upon demonstrated evidence of personal attributes of intelligence, character, and general fitness for the study and practice of medicine. In considering an applicant many sources of information may be consulted, including (1) his curricular and extracurricular college record, (2) carefully prepared, confidential appraisals by teachers who know him personally, (3) his percentile rating on the Medical Aptitude Test,** and (4) the results of an interview with members of the Admission Committee or one of its Regional Representatives.

REQUIREMENTS FOR THE DEGREE OF BACHELOR OF SCIENCE IN MEDICINE

After the completion of six quarters in the Duke University School of Medicine, Duke University, on the recommendation of the Executive Committee, grants the degree of Bachelor of Science in Medicine to medical students who have completed creditable investigative work, prepared an acceptable report of the investigation, and passed an examination upon the subject of the investigation before an advisory committee. Students who elect to undertake work toward this degree must obtain written

* J.A.M.A., 113: 757 (Aug. 26) 1939.

** This test is given at many of the colleges during the Autumn term. If information is not available locally, it may be secured from Dr. F. A. Moss, Columbia Medical Building, Washington, D. C.

permission from the Executive Committee after approval of their program by the head of the department in which the work is to be done. No credit toward this degree is given for additional college work, and students who have a Bachelor's degree are not eligible, but all students in good standing are encouraged to undertake such investigative work as they may elect when approved by the head of the department in which they wish to work. All requirements must be completed prior to April 15 of the year in which the B.S. degree is requested.

REQUIREMENTS FOR THE DEGREE OF DOCTOR OF MEDICINE

The degree of Doctor of Medicine is conferred on those who have completed, to the satisfaction of the Executive Committee, the twelve quarters of the curriculum of the School of Medicine, the preclinical and clinical examinations, and have signed an agreement that they will spend at least two of the succeeding three years in hospital or laboratory work acceptable to the Executive Committee. As a guarantee of this pledge, the diploma is deposited in the Treasurer's Office until after the completion of this training. Failure to fulfill this agreement constitutes a waiver of any claim to possession of the diploma and the degree of Doctor of Medicine.

DEPARTMENTS OF INSTRUCTION

ANATOMY

Five days per week during the Autumn Quarter and two days per week during the Winter Quarter are scheduled for the *required* courses of instruction in gross human anatomy, histology, and neurology. In all of this work considerable freedom is allowed the student in his selection of working hours and in the planning of his own methods of attack. Emphasis is placed upon the study of material in the laboratory, supplemented by a few lectures and by frequent small-group conferences upon any phases of the work then current. All of the instruction is designed to be as informal and as nearly individual as possible. General principles and the functional viewpoint of living anatomy are stressed in the hope that the student may be stimulated to secure a working knowledge of anatomy in the broadest sense. Whenever possible, fresh tissues and living cells are made available for examination, and clinical cases exemplifying anatomical principles are studied whenever they are available at appropriate times. Through the co-operation of the Department of Roentgenology, the students are given an opportunity to study portions of the living human body as revealed by the fluoroscope and roentgenograph.

Surgical Anatomy. This course is offered by members of the surgical Staff and is open to a limited number of Senior students. Anatomy as applied to surgery is studied, at the dissecting table, from the diagnostic and the operative points of view. Winter Quarter only, Tuesday and Thursday mornings.

Demonstrations in Anatomy. Using dissections already prepared, weekly demonstrations of selected regions or systems are made by the members of the group. Spring Quarter—Two hours per week by arrangement. Second-year students in groups of 10.

Special Neuroanatomy. Laboratory work and conferences upon selected portions of the human central nervous system. A two-quarter course limited to 6 Junior or Senior students. Tuesday and Thursday mornings the first quarter (Winter) devoted to study of sections and dissections of the brain stem. Satisfactory completion of the first quarter will determine admission to the second quarter (Spring) seminars—2 hours weekly by arrangement—upon special topics in neuroanatomy and neurophysiology.

Brain Modeling. Free hand reconstruction in clay, from gross and sectioned material, of the chief tracts and nuclei of the human brain stem. A two-quarter course, Winter and Spring Quarters. Tuesday and Thursday mornings—4 to 10 students.

Experimental Neurology. An operative and laboratory study of the effect of various lesions upon the central and peripheral portions of the nervous system. Spring Quarter. Tuesday and Thursday mornings—4 to 8 Junior and Senior students. Prerequisite—operative surgery.

Seminar. This work is designed for those who are interested in becoming acquainted with some of the original literature on anatomical problems. A wide range of choice in the selection of topics is encouraged. Weekly, any quarter; time by arrangement. 6 to 10 students.

Advanced Studies in Anatomy. Further work in the several branches of anatomy may be arranged at any time. Prospective candidates for such work should discuss their wants with the members of the Staff in charge of the particular field in which work is requested because only a small number can be accommodated at any one time. A few properly qualified students may be permitted to undertake original research under the direction of various members of the Staff.

BIOCHEMISTRY

The *required* course in general biochemistry for first-year students is given in the Autumn and Winter Quarters. One morning each week in the Autumn Quarter is devoted, in discussion groups, to the correlation of the fundamental facts and theories of physical and organic chemistry with the chemistry of living organisms. In the Winter Quarter three lectures and four laboratory periods per week, supplemented by systematic reading and weekly conferences in small groups, are devoted to a more intensive study of the chemistry of the physiological processes of digestion and absorption, circulation and respiration, acid-base and salt equilibrium, metabolism including quantitative urine and blood analyses.

Since the success of the students in this course is largely determined by the adequacy and ready availability of their premedical training, it is urged that all students review the fundamental laws, theories, and facts of chemistry before the beginning of the course. A circular outlining the topics requiring special attention is sent to all students upon admission. Additional copies of the circular may be obtained from the Dean's Office. An examination to test the state of preparation of the student is given in the beginning of the course in biochemistry.

Electives. In connection with the course given in the Spring Quarter for second-year students a survey of pathological and clinical chemistry is presented. In this course are covered abnormalities of: protein, fat and carbohydrate metabolism, acid-base regulation, salt and water distribution, nitrogen retention, calcium and phosphorus metabolism, blood and derived bile pigments. The discussion of these topics is based upon case histories, including the records of the Clinical Chemical Laboratory of the Hospital.

Biochemical Research. The facilities of the department, including various types of research equipment and the clinical material of the blood chemistry laboratory, are available to properly qualified students for independent or supervised investigations. Chemical investigations of problems in biochemistry or in conjunction with the clinical departments and the Department of Pathology may be carried on.

Seminar in Toxicology. A round-table discussion of the homicidal, suicidal and industrial poisons, alcoholism, etc. Autumn or Spring Quarters by arrangement.

Laboratory Detection of Common Poisons. A laboratory course in the properties, detection, and identification of the common poisons. Consideration is given to the types of material to be examined, legal precautions to be taken and interpretation of the findings. Autumn or Spring Quarters by arrangement.

Chemistry of the Colloidal State. A two-hour seminar is given weekly throughout the Autumn, Winter, and Spring Quarters.

PHYSIOLOGY, PHARMACOLOGY, AND NUTRITION

The *required* courses consist of: (a) a lecture course in physiology, (b) a lecture course in pharmacology, (c) a lecture course on the elements of nutrition, supplemented by demonstrations of some biological and chemical methods employed in nutrition studies, (d) a laboratory course in physiology and pharmacology, and (e) a seminar in which the problems arising in the laboratory and in the student's reading are discussed.

Elective courses covering particular aspects of these subjects, including pathological physiology and research in special fields, are available.

Research. A few properly qualified students are permitted to undertake original research in physiology, pharmacology, or nutrition under the direction of various members of the Staff.

PATHOLOGY

The *required* course in general pathology for second-year students is given in the Autumn and Winter Quarters. The class is divided into small groups, one instructor and an assistant being assigned to each group. For the purpose of teaching the gross pathological alterations of tissue, the museum material, which consists of complete cases preserved as units, has been classified into well-organized groups, such as obstructions, diseases due to animal parasites, tumors, etc., each group of materials being placed in a separate laboratory. The various student groups work with these groups of material in rotation. The microscopic aspects of pathological processes are studied by the students at the same time the gross pathological features of the disease are being considered. Physiological, chemical, and bacteriological phases of the various disease processes are presented to the student by constant reference to the autopsy protocols and clinical studies of the cases which are being considered by the groups, and by visits to the hospital wards. Once each week a clinic is presented for the class; the subjects of the clinics are cases from the Hospital which illustrate pathological processes being currently studied. Lectures on general subjects of wide application are given in co-ordination with the museum case studies. Attendance at autopsies is required of the students of the second year, the class being divided into small groups which are called in turn. The group members are required to follow all studies of the cases which they see and to prepare their own complete records. Cases thus prepared are presented by the students before the entire class under the direction of the Staff.

Elective courses in pathology in the Spring Quarter are available for a limited number of students who have completed the course in general pathology. Research facilities are provided in the department for students who are competent to undertake investigation.

On Fridays at 5 P.M., during the Autumn, Winter, and Spring Quarters, a clinical-pathological conference is held in co-operation with the staffs of the clinical departments. While this conference is designed especially for the Hospital Staff, it is open to all members of the medical profession, and attendance of second-year, Junior, and Senior students is expected. A gross diagnostic clinical-pathological conference on current autopsies is held weekly in collaboration with the clinical departments. Attendance of the students of the third and fourth years is required at this conference.

BACTERIOLOGY AND PARASITOLOGY

Bacteriology, Mycology, Immunology, and Parasitology. The required course is given in the Autumn Quarter of the second year. An intensive study is made of the common bacteria, fungi, and parasites which cause disease in man. The scope of the laboratory course is reasonably wide and acquaints the student with all the methods and procedures employed in bacteriological laboratories. Most of the lecture time is devoted to the immunological and epidemiological aspects of infection. The instruction is designed to give the students a clear conception of: (1) how organisms gain entrance to the body, (2) the type of poisons which they produce, (3) the nature of immune bodies which are produced by the host, and (4) the methods of preventing the disease by active and passive immunization.

Research Bacteriology. Opportunities for original investigations are afforded a few specially qualified students.

Clinical Bacteriology. During their clinical clerkships on medicine (one quarter each for Junior and Senior classes), the students may perform the routine and special bacteriological work for the patients assigned to them on the teaching service, under the direction of the Department of Bacteriology and in parallel with the Biological Division of the medical clinics.

MEDICINE

Clinical Microscopy is given in the Winter Quarter of the second year. The course includes the essentials of hematology and the examination of fresh material, such as urine, stools, spinal fluid, sputum, transudates and exudates. The most important parasites of man are studied by the use of fresh and museum material. Second-year and Senior students are given opportunities for special work and for investigation.

Physical Diagnosis and Introduction to Clinical Medicine. This course, in the Spring Quarter of the second year, consists of instruction in history taking, physical examination, and the application of the preclinical sciences to the interpretation of findings. All departments, preclinical

and clinical, including the specialties, participate. The importance of cooperation between clinic and laboratory is emphasized, and the preclinical departments extend the teaching of their particular branches in correlation with other preclinical and clinical studies. In this manner the course serves as an introduction to clinical medicine. The class is divided into sections of not more than ten students, and each student is given individual instruction.

Junior Medicine. Junior students are assigned in small groups for one quarter to the medical wards as clinical clerks. Teaching rounds are held from 8:30 to 9:30 A.M., on Mondays, Wednesdays, and Fridays. During the Autumn, Winter, and Spring Quarters, medical clinics are given on Mondays, Wednesdays, and Saturdays at 11:30 A.M., and on Wednesdays, during the Summer Quarter.

Therapeutics. Each group of Junior students receives practical instruction in *pharmaceutics* under the guidance of an instructor in Pharmacy. On Tuesdays and Thursdays from 1:30 to 2:30 P.M. bedside instruction is given in *applied pharmacology and therapeutics* to the group on Junior Medicine.

Senior Medicine. Senior students are assigned for one quarter to the Dispensary as clinical clerks. Teaching rounds are held from 9:30 to 11:30 A.M. on Mondays and Fridays. Seniors attend medical clinics on Mondays, Wednesdays, and Saturdays at 11:30 A.M.

Cutaneous Medicine and Syphilology. Instruction is offered each quarter to Senior students consisting of lectures, seminars, and study and treatment of patients.

Neurological Medicine. A sound understanding of neurological diseases is an essential equipment of every physician. Junior students are assigned neurological cases routinely during their service as medical clinical clerks. An elective course consisting of advanced bedside teaching in clinical neurology is offered for three quarters to Senior students. The Laboratory of Experimental Neurology is available for postgraduate investigative work; this laboratory handles routinely the neurosurgical biopsy material including intracranial tumors. An electro-encephalograph is in routine clinical use in both neurology and neuropsychiatry and is available for special research problems.

NEUROPSYCHIATRY

Instruction is started in the second year with a course that covers psychobiology. This course is concerned with the modern conception of personality, its neurophysiological bases, the growth, development and traits of the individual, normal and abnormal. The students are trained in neuropsychiatric method and examination, and they write a life history, applying those methods to themselves. The problems of intelligence, intelligence testing, and mental deficiency are discussed. Instruction in neuropsychiatry for Junior and Senior students is continued by weekly lecture-clinics during the Autumn, Winter, and Spring Quarters. The didactic work in neuropsychiatry is supplemented by clinics and by the stu-

dent's actual experience in handling such psychiatric problems as occur on the wards and in the out-patient clinic. Juniors serve as clinical clerks on the psychiatric ward, and Seniors are assigned to the out-patient clinic. In addition, clinics are held in the North Carolina State Hospital, Raleigh, N. C. Elective work is offered to students who are especially interested. Before graduation it is sought to give the student a workable conception of the individual as a whole, the psychobiological unit, that may be applied in practice.

SURGERY

General Surgery. In the Spring Quarter the second-year students, during their course in physical diagnosis, attend clinics and demonstrations arranged to familiarize them with the techniques of examinations and the diagnostic procedures used in general surgery and the surgical specialties. Emphasis is placed on the more practical and commonly used methods.

During the Autumn, Winter, Spring, and Summer Quarters, at 11:30 A.M. on Tuesdays and Fridays, and during the Autumn, Winter, and Spring Quarters at 9:30 A.M. on Saturdays, clinics in surgery and the surgical specialties are held for Junior and Senior students. The *Junior* students, during their surgical quarter, attend ward rounds in surgery from 8:30 to 10:30 A.M., on Mondays, Wednesdays, and Fridays, act as clinical clerks on the wards, avail themselves of the electives offered and attend the regular clinics. The surgical group in the *Senior* year attends ward rounds from 8:30 to 10:30 A.M. on Mondays, Wednesdays, and Fridays, the regular clinics and the electives offered, and assists in the surgical dispensary in the afternoon. Individuals may take any of the electives offered.

An *elective* course in operative surgery is given in the experimental laboratory from 8:30 to 11:30 A.M. on Tuesdays and Thursdays during the Autumn and Spring Quarters. The group is divided into operating teams, and each student takes his turn serving as the operator, first assistant, and anesthetist. During the Winter Quarter special work in experimental surgery may be arranged by conference with the instructor. The purpose of this course is to teach the basic principles of aseptic surgery, anesthesia, and the technique of operations illustrating various types of surgery, the operative procedures being of gradually increasing difficulty.

An *elective* course in emergency and traumatic surgery is given each quarter. In groups of two, each week, Junior or Senior students are on call in the emergency room for all accidents and emergencies. Opportunity is given to observe and assist in the treatment of accident cases and in the diagnosis of acute abdominal emergencies. Lectures, twice each week during the Winter Quarter, supplement this course.

An *elective* course in anesthesia is open to four properly qualified Senior students each quarter. Students meet the anesthetist each morning in the operating room and observe and administer anesthetics under supervision.

Otolaryngological Division. An introductory course of instruction in the use of otolaryngological instruments, with a review of normal anatomy, is given to second-year students in the Spring Quarter. Clinics on Fridays at 11:30 A.M. during the Spring Quarter are given to Junior and Senior students; Junior students during their obstetric quarter spend two afternoons for five and one-half weeks in the otolaryngological dispensary. There are no formal otolaryngological ward rounds, but Junior and Senior students are assigned to patients during the surgical quarter. Individual instruction is given the student by the various members of the Staff. Each quarter an elective course in ear, nose, and throat is given. This course includes anatomy, physiology, diseases of ear, nose, and throat, x-ray interpretation, and the use of diagnostic instruments.

Ophthalmological Division. During the Spring Quarter second-year students receive instruction in elementary ophthalmology. During the Junior obstetric quarter the students are assigned to the ophthalmological clinic on Tuesday and Friday afternoons for five and one-half weeks, and assist in the study and treatment of eye diseases. Especial emphasis is placed on the underlying medical and surgical conditions. Each student follows throughout his time in the clinic all patients assigned to him. For those who manifest an unusual interest in this specialty, provision will be made for more advanced work. Each quarter an elective is given one hour a week, which includes anatomy, physiology, refraction, muscle imbalance, neuro-ophthalmology, ocular pathology, and the use of diagnostic instruments.

Orthopaedic Division. In the Spring Quarter of the second year an introductory course is given. During the surgical quarters the Junior and Senior students attend ward rounds at 8:30 A.M. on Mondays and Fridays. Clinics are held during the Autumn Quarter on Friday at 11:30 A.M. for Juniors and Seniors. Students in their Senior Surgical Quarter are assigned in rotation to the orthopaedic dispensary which is held each afternoon from Monday to Friday inclusive. An *Elective Course* in the treatment of fractures is offered during the Junior and Senior Surgical Quarters on Friday morning from 9:30 to 11:30. In this course the students get practical training in the application of plaster of Paris casts and in the follow-up treatment of fractures. Elective courses in orthopaedic pathology, roentgenology, and physiotherapy are offered to Junior and Senior students. Arrangements may be made for students who wish to do research or experimental work. At 813 Fifth Street, the orthopaedic department conducts a special clinic for the treatment of cerebral palsy. The clinic has a bed capacity of twelve and is staffed with a specially trained physiotherapist, a schoolteacher, and an administrative officer. Interested students are welcomed at any time. Students are given the opportunity of attending the North Carolina Orthopaedic Hospital Clinic at Goldsboro the third Thursday of each month. They may also attend similar clinics held in Lumberton the first Friday of each month and at Elizabeth City the last Tuesday of each month and in Tarboro the Monday before the last Tuesday of each month.

Urologic Division. In the Spring Quarter, second-year students are given a course of lectures and practical demonstrations in urologic physical diagnosis in the normal individual. Ward rounds on urologic patients are given every Saturday at 8:30 A.M., throughout the year, which Junior students in their surgical quarter, and the Senior surgical group are required to attend. During each quarter, small groups are selected from the Senior surgical group of students and assigned in rotation to the urologic dispensary every afternoon. Here, under proper supervision, they study patients and give recommended treatment. During one and a third quarters of the year urologic clinics are given on Fridays at 11:30 A.M. for the Junior and Senior classes. These clinics deal with the affections of the male and female urinary tract and of the male genital tract. Clinics for urethroscopic and cystoscopic investigation and the more technical methods of urologic diagnosis and treatment are held Monday, Wednesday, and Thursday from 1:30 to 5:00 P.M. and Tuesdays and Thursdays from 9:30 A.M. to 12:30 P.M., and from 1:00 to 5:00 P.M. throughout the year. X-ray conferences on all urologic cases, are held Tuesday, Thursday, and Saturday mornings from 8:30 to 9:30 and are followed by Staff rounds. Three Senior students may select one of these cystoscopic clinics, x-ray conferences, and Staff rounds as an elective. *The Urologic Journal Club* meets each Monday from 4:30 to 6:30 P.M., and members of the Staff review their respectively assigned journals. Interested students are welcomed.

Neurosurgical Division. During the Autumn, Winter, Spring, and Summer Quarters, at 11:30 A.M., on every third Tuesday, neurosurgical clinics are held for Junior and Senior students, at which the general principles of neurosurgical diagnosis and treatment are discussed. During all four quarters, weekly ward rounds are held at 8:30 A.M. on Wednesdays for the Senior Surgical group. Emphasis is placed in these smaller clinics upon the recognition of neurosurgical problems, followed by observation of the operative and post-operative procedures. Weekly x-ray and pathological conferences are held, and these may be attended by interested individuals.

The Tumor Clinic of the Duke Hospital is organized for the study and student teaching of malignant disease. It is staffed by a surgeon, radiologist, and pathologist, who attend all clinics, and consultants in the various specialties are called when a patient with a malignant tumor in their field is registered in the clinic. Students in their Senior Surgical Quarter see all cases registered in the clinic and work them up and have available for teaching not only the clinical background of the Staff but also pathological sections of tumors under the study of the pathologists. From June, 1940, to July, 1941, there were 1,769 old patients and 636 new patients seen in the Tumor Clinic.

Dentistry. Second-year students, in the Spring Quarter, are instructed in the principles of dentistry.

RADIOLOGY

A course with especial reference to differential Roentgen diagnosis and x-ray and radium therapy is given during the Senior Surgical Quarter. Instruction in radium and x-ray therapy is given the Senior students each quarter in the Tumor Clinic. An elective course in x-ray differential diagnosis is given to a limited number of students each quarter. An x-ray

OBSTETRICS AND GYNECOLOGY

Second-year students receive seventeen hours of instruction in the fundamentals of obstetrics and gynecology during their course in physical diagnosis in the Spring Quarter. Clinics and demonstrations for Junior and Senior students are held on Saturdays at 10:30 A.M. during the Autumn, Winter, and Spring Quarters and on Mondays at 11:30 A.M. in the Summer Quarters. During one quarter of the *Junior* year each group of students attends ward rounds at 8:30 A.M. on Mondays, Wednesdays, and Saturdays, and the Public Dispensary at 1:30 P.M. three times weekly, for eleven weeks. They also attend an endocrine clinic once a week for eleven weeks during the Junior year. The students also spend part of each day on the wards. *Senior* students, during their surgical quarter, have ward rounds on obstetrics and gynecology on Saturdays at 8:30 A.M. Each *Senior* student, during his Senior Surgical Quarter, is required to spend two weeks on service with the Outside Obstetrics Training Group at Charlotte, N. C. This group is active in the antepartum care, in the delivery of the patients, and in the postpartum care of patients registered by the Maternity Clinic of that city. The group is under the direction of a trained obstetrician.

Elective courses in the diagnosis and treatment of obstetric and gynecologic conditions are offered for Junior and Senior students.

PEDIATRICS

Each *second-year* student receives nine hours of instruction in elementary pediatrics during the course in physical diagnosis in the Spring Quarter. *Junior* and *Senior* students, during their medical quarters, have pediatric ward rounds on Saturdays, from 8:30 to 9:30 A.M. The *Senior* students are divided into three groups, each of which spends one quarter in pediatrics. During this quarter, they are assigned daily as clinical clerks on the children's ward, nursery and pediatric dispensary, attend ward rounds at 8:30 A.M. on Mondays, Wednesdays, and Fridays, are instructed in the practical nursing of infants by Miss Sherwood on Mondays at 9:30 A.M., and are taught the preparation of diets for infants and children by the Professor of Dietetics. Each student attends infant feeding clinics on Fridays during this quarter. On Thursdays at 11:30 A.M., the Junior and Senior students attend demonstrations at which the pre-clinical basis, as well as the clinical aspects, of disease are emphasized. *Elective courses: Senior students* may assist in the treatment of pediatric patients in the syphilis clinic on Thursdays at 9:00 A.M., do research work,

or assist in the pediatric ward or dispensary one or more mornings per week, according to the time at their disposal.

LEGAL MEDICINE AND TOXICOLOGY

This course embraces a discussion of the relation of physicians to legal criminal procedures, jurisdiction of the coroner and medical examiner, laws governing the dead human body, personal identity of the living and the dead, the legal autopsy, traumatic injuries and fractures, rape, abortion, asphyxial death, homicidal, suicidal, and industrial poisoning, alcoholism, the examination of blood, stains, fibers, and the detection of malingering. The course is open to Junior and Senior students, and is given in alternate years. Discussions of medico-legal problems for the House Staff and Senior students, and joint conferences of the medical and law students also are held.

PREVENTIVE MEDICINE AND PUBLIC HEALTH

Public Health and Hygiene. A lecture course is given in the second year to acquaint the students with general environmental sanitation including sewage disposal, water supplies, milk and food for rural and urban communities. Vital statistics, public health regulations, and various official public health organizations also are discussed. Exercises in the epidemiology of several diseases are introduced to give the student a broad view of disease and its prevention. *Field Demonstrations.* Visits for observation and instruction are made to state, county, and city health departments, infant and school hygiene clinics, dairies, public water supplies, sewage disposal plants and industrial establishments. Seminars are held in which the students discuss the various problems encountered in their field experience. *Preventive Medicine.* A series of lectures and exercises is given during the Senior year to provide students with the preventive point of view in the practice of medicine. The problems of infant and maternal hygiene, occupational diseases, the deficiency states, and the etiology, transmission, epidemiology and prevention of communicable diseases are considered. Emphasis is placed upon the relationship of the private practitioner of medicine to the public health program. *A Laboratory Course* is given in the Autumn Quarter of the second year by the Department of Bacteriology, and consists of the identification and virulence testing of diphtheria cultures, the isolation of stool, throat and blood organisms, the practical examination of water, Schick, Dick and tuberculin tests, and vaccination against typhoid-paratyphoid fever and smallpox. *Elective:* Through the co-operation of several city and county health officers, students may spend one or more weeks in observing and assisting in the operation of these public health units. Senior students may elect one month's Fellowship in Public Health in Michigan offered by the Kellogg Foundation, if they have permission from the head of the department of the quarter concerned and make up the time afterward.

CURRICULUM OF THE SCHOOL OF MEDICINE

The usual four medical school years of thirty-three weeks each may be condensed into three and one quarter calendar years. In the preclinical subjects three terms, and in the clinical subjects four terms, each of eleven weeks, are given during the year, and a certificate is granted after the satisfactory completion of twelve terms. These may be taken consecutively (certificate in three and one quarter years) if the student's previous work has been outstanding and if he has been given permission by the Curriculum Committee; or three terms may be taken each year (certificate in four years).

Every effort is made to emphasize the close relationship of preclinical and clinical instruction. Members of the Clinical Staff assist in the teaching of preclinical subjects, and demonstrate to the students of the first two years, patients whose conditions illustrate the subjects being taught. Thus, from the student's first days, he is impressed with the interdependence of all branches of the medical science. In the Junior and Senior years, preclinical instructors assist the Clinical Staff in presenting the underlying basis of disease.

Sixteen per cent of the time in this curriculum is free for elective work or anything else which the student wishes to do. No credits are given for specific courses during this free time. The opportunity merely is provided for each student, on his own initiative, to obtain the additional training which he may feel to be necessary or desirable. It is hoped that many of the students will migrate to other medical schools in this country for one quarter, a practice which is encouraged. The students also may utilize their free time in elective courses in preclinical and clinical departments and may pursue independent work in any subject or may do research work. The elective courses have been organized for small groups and will be repeated, if necessary, in one or more quarters. Students who wish to study during the Summer Quarter, either here or elsewhere, to spend one or more quarters at other medical schools or to substitute a program different from that listed below, must obtain permission, in advance, from the Curriculum Committee.

CURRICULUM OF FOUR QUARTERS OF ELEVEN WEEKS EACH

(The hours for these courses will be posted on the bulletin board.)

FIRST YEAR**AUTUMN QUARTER (1st):**

October 2 to December 20, 1941.

Anatomy (including histology and neuroanatomy).....	385 Hours
Biochemistry	44 Hours

WINTER QUARTER (2d):

January 5 to March 21, 1942.

Anatomy (including histology and neuroanatomy).....	165 Hours
Biochemistry	176 Hours
Free time	88 Hours

SPRING QUARTER (3d) :

March 30 to June 13, 1942.

Physiology and pharmacology, including nutrition.....	330	Hours
Introduction to Neuropsychiatry.....	11	Hours
Free time	88	Hours

SECOND YEAR

AUTUMN QUARTER (4th) :

October 2 to December 20, 1941.

Pathology	198	Hours
Bacteriology and Parasitology	150	Hours
Free time	81	Hours

WINTER QUARTER (5th) :

January 5 to March 21, 1942.

Pathology	183	Hours
Clinical microscopy	110	Hours
Public health and hygiene	37	Hours
Free time	99	Hours

SPRING QUARTER (6th) :

March 30 to June 13, 1942.

Physical diagnosis and introduction to clinical medicine	300	Hours
Free time	129	Hours

JUNIOR YEAR

SUMMER QUARTER (7th) :*
June 22 to September 5, 1942.

Medicine (Junior)	385	Hours
Free time	44	Hours

AUTUMN QUARTER (8th) :*
October 2 to December 20, 1941.

Surgery (Junior)	418	Hours
Free time	11	Hours

WINTER QUARTER (9th) :*
January 5 to March 21, 1942.

Obstetrics and Gynecology (Junior)	220	Hours
Ophthalmology and Otolaryngology	66	Hours
Free time	143	Hours

SENIOR YEAR

SPRING QUARTER (10th) :*
March 30 to June 13, 1942.

Medicine (Senior)	390	Hours
Free time	39	Hours

SUMMER QUARTER (11th) :*
June 22 to September 5, 1942.

Surgery (Senior), including urology and orthopaedics.....	309	Hours
Obstetrics	120	Hours

*The clinical instruction is repeated each quarter in order to utilize all the clinical material and to have small groups of students. Consequently, students may vary the order of the seventh, eighth, and ninth quarters, and also the order of the tenth, eleventh, and twelfth quarters. Students who do not attend the Summer Quarters, have similar instruction one quarter later. The above schedule merely illustrates the program of one group.

AUTUMN QUARTER (12th):*

October 1 to December 19, 1942.

Pediatrics	191 Hours
Medicine	82 Hours
Final clinical examinations.....	24 Hours
Preventive medicine	22 Hours
Free time	110 Hours

SUMMARY

Total number of hours required instruction, (84%)	4,316
Total number of hours of free time, (16%)	832
Total number of hours in curriculum, (100%)	5,148

* The clinical instruction is repeated each quarter in order to utilize all the clinical material and to have small groups of students. Consequently, students may vary the order of the seventh, eighth, and ninth quarters, and also the order of the tenth, eleventh, and twelfth quarters. Students who do not attend the Summer Quarters, have similar instruction one quarter later. The above schedule merely illustrates the program of one group.

FEES AND EXPENSES

All fees for each quarter are due and payable at the beginning of each quarter, and no student will be admitted to classes until these fees have been paid at the University Treasurer's Office. A fine of \$5.00 is charged for late registration. No credit will be given for any quarter in which the tuition of \$150 has not been paid at the Treasurer's Office, whether the work has been done here or elsewhere, except that students who have been permitted by the Curriculum Committee to spend a quarter at another medical school or hospital may subtract the amount of tuition paid at this other medical school or hospital from the \$150 due here for that quarter.

It is not advisable for a student to attempt outside work to defray his expenses; the results usually are disastrous to his health and academic standing.

Fees and Expenses

Tuition, per quarter	\$150
Health Fee, per quarter	3.33
Athletic Fee, admitting students to all athletic contests held on the University campus during the quarter	5
Room-rent, per quarter* (estimated)	50
Board, per quarter (estimated)	90
Laundry, per quarter (estimated)	10 to 20
Books, per quarter (estimated)	25 to 50
Commencement and Diploma Fees**	8
National Board of Medical Examiners Fees** \$25 (Part I), \$20 (Part II)	
Microscope, ophthalmoscope, otoscope and other equipment, which are required of each student and which must conform to rigid standards, may be obtained on a rental basis from the University	20 to 30
Estimated total expenses, per month	115 to 150

ANGIER B. DUKE MEMORIAL AND OTHER LOAN FUNDS

The Angier B. Duke Memorial, Incorporated, administers through an advisory committee of the officers of the University a loan fund for students. In addition, the University administers other endowed loan funds for the benefit of students who are not financially able to meet their expenses. Medical students, after their third quarter, are eligible for loans from these sources. As the amount of money available is limited, loans are restricted to outstanding students who cannot borrow elsewhere. No scholarships are awarded in the School of Medicine. The loan funds are administered in accordance with the following regulations:

* Rooms may be reserved by medical students in Few Quadrangle. These rooms are provided with furniture, heat, electric light, and care of rooms; each student furnishes his own blankets, sheets, pillow-slips, towels, and pillows. Applications for rooms, accompanied by a reservation fee of \$25, should be made before August 1, by writing to Mr. W. E. Whitford, Duke University, Durham, N. C. This fee is deducted from the room charges for the Autumn Quarter; it is not refundable unless the request is made before August 1.

** Payable at the beginning of the quarter in which a student is eligible for a degree or examination.

1. No loan will be made to a student who violates any of the regulations of the University or who is not doing outstanding class work.

2. Loans will be made only to students who are taking full courses of study that lead to a degree, and all loans must be arranged not later than one week after the beginning of a quarter.

3. Every applicant for a loan must present with the application such security as the President of the University may approve, and no money will be advanced before a note with approved security is in the hands of the Treasurer of the University.

4. Interest at the rate of 6 per cent annually shall be charged for all loans of money, and the interest must be paid annually.

THE SCHOOL OF NURSING

MARGARET ISABEL PINKERTON, R.N., B.S.
Dean

1941-1942
ANNOUNCEMENTS FOR 1942-1943

1942 Autumn Quarter begins October 5, ends December 19;
Winter Quarter begins January 4, ends March 20; Spring
Quarter begins March 29, ends June 12; Summer Quarter
begins June 5, ends September 18.

GENERAL INFORMATION

The School of Nursing of Duke University was established in 1925 in connection with the School of Medicine of the University and Duke Hospital through the munificent gift of the late James B. Duke.

The plan of the School is to give a sound basic course in Nursing Education which will prepare young women to give intelligent nursing care to the sick in hospitals and homes of the community as well as an introduction to the problems of community health and preventive medicine.

FACILITIES FOR INSTRUCTION

The facilities for instruction include the undergraduate colleges and graduate schools of the University, the School of Medicine, and the Duke Hospital.

LIBRARIES

The reference library of books and periodicals of special interest to students majoring in nursing is located in the Hospital Library. An auxiliary library, which is used chiefly by freshman students, is in the Nurses' Residence. The students may use the general libraries on both campuses.

RESIDENCE

The students are housed in the fireproof residence located near the Hospital. It is adequately equipped with blankets and linen, making further provision by the student unnecessary.

HEALTH REGULATIONS AND PHYSICAL EDUCATION

The School has general supervision of the student's health. All physical defects, such as defective vision, dental needs, etc., must be corrected before admission to the School. The student must have been immunized against typhoid fever, and vaccinated against smallpox during the current year. All students are required to pass a physical examination before admission to the School of Nursing and at intervals thereafter, a final examination being given at the end of the course. Exercises for two periods a week during the first quarter are required of all students.

ACTIVITIES OFFERED

Autumn Quarter (October to December): Hockey, swimming, tennis, moderate sports, and hiking.

Winter Quarter (January to March): Informal gymnastics, Danish gymnastics, apparatus, games, individual gymnastics, folk dances, clogging, interpretative dancing, swimming, and basketball.

Spring Quarter (March to June): Tennis, swimming, baseball, track, field events, and archery.

ADMISSION REQUIREMENTS

Application forms may be obtained by writing to the Dean, Duke University School of Nursing, Durham, North Carolina. They must be typed, a 2 x 2½ inch recent photograph attached, and the application returned to the Dean as soon as possible. Applications are considered in the order received. If the information is satisfactory, a personal interview with the Committee or Regional Representative will be arranged for the applicant. The candidate is notified as soon as possible whether she has been accepted or declined; if accepted, the student must send in a deposit of twenty-five dollars (\$25) within two weeks to insure enrollment. This money is applied toward her tuition. Students are admitted only at the beginning of the Autumn Quarter, but applications are considered and a decision with regard to admission is made January 1 of that year. Students are matriculated in the School of Nursing on September 28, 1942. The applicant must be eighteen years of age at the time of matriculation.

The requirements for admission for 1942 are as follows: Thirty semester hours of college credit which must include the following: Chemistry (4 semester hours minimum); Zoology or Biology (4 semester hours minimum); Psychology or Sociology (3 semester hours minimum); and the remaining semester hours to be made up with English, History, Foreign Language, or Mathematics.

FEES

A yearly tuition fee of \$100.00 is required, first year \$25.00 upon acceptance by the School, \$25.00 upon registration, and \$50.00 on January 1. The second and third years, \$50.00 on October 1 and \$50.00 on January 1. There will be a refund of \$25.00 to students who leave the School within one month of registration. The tuition includes room, board, laundry, uniforms, and all of the textbooks. Estimated additional expenses for the first year are \$10.00, for the second \$5.00, and for the third year \$5.00. There is a graduation fee of \$8.00; a room key deposit of \$1.00; a publications fee of \$2.50.

READMISSION

Students who are absent for more than one month through illness or leave of absence may be readmitted to the same or a succeeding class at the discretion of the Committee.

VACATIONS

Each year is divided into four quarters of three months each. The first-year students have vacations of two weeks at Christmas and two weeks during the summer. Junior and Senior students have vacations of one month each.

COURSES OF INSTRUCTION

This is a condensed description of courses. For a full description, see Bulletin of the School of Nursing.

Anatomy and Physiology.	DR. YOUNGSTROM, DR. KOHN, AND MISS MCINTOSH
Chemistry.	DR. TAYLOR, MISS RANDOLPH
Bacteriology.	DR. CONANT, MISS RANDOLPH
Elementary Materia Medica and Pharmacology.	MISS RANDOLPH
Elementary and Applied Psychology.	DR. LUNDHOLM, MISS RANDOLPH
Professional Adjustments I.	MISS PINKERTON
Professional Adjustments II.	MISS RANDOLPH, MR. J. BRADWAY
History of Nursing.	MISS RANDOLPH
Nursing Arts I.	MISS BURNHAM
Nursing Arts II.	MISS BURNHAM
Nursing Arts III.	MISS BURNHAM AND ASSISTANTS
Nutrition, Foods, and Cookery.	MRS. ELSIE MARTIN
Dietetic Therapy.	MRS. ELSIE MARTIN
Sociology.	MISS RANDOLPH
Social Service.	MISS BARKER
Preventive Medicine and Public Health.	DR. BROWN AND ASSISTANTS
Medical and Surgical Nursing including Pathology and Materia Medica.	PHYSICIAN LECTURERS, MISS WEHUNT, MISS FRIEND, AND INSTRUCTORS
Neurology and Psychiatry.	DR. LYMAN, MISS SCHMITT
Operating Room Technique.	MISS BATCHELDER
Gynecology and Gynecological Nursing.	DR. CARTER, MRS. MARTIN
Obstetrics and Obstetrical Nursing.	DR. CARTER, MRS. MARTIN
Pediatrics and Pediatric Nursing.	DR. ARENA, DR. DAVISON, DR. DEES, DR. MCBRYDE, MISS SHERWOOD
Physical Therapy and Posture.	MISS GORDON
Personal Hygiene.	MISS RANDOLPH, LECTURERS

THE SCHOOL OF FORESTRY

CLARENCE F. KORSTIAN, B.S.F., M.F., M.A., PH.D.
Dean

1941-1942
ANNOUNCEMENTS FOR 1942-1943

GENERAL STATEMENT

Forestry in Duke University began early in 1931 when, through placing the Duke Forest under intensive management for forestry purposes, a substantial beginning was made in laying the foundations for educational work and research in forestry.

A pre-forestry curriculum, designed for students intent upon pursuing the study of forestry, particularly as a profession after graduation, was organized in Trinity College of Duke University in 1932 (see *Announcement on Undergraduate Instruction in Duke University*). This four-year course of study provides only for instruction in fundamental and auxiliary subjects basic to a proper understanding of the highly specialized work in technical forestry. Duke University offers no professional degree in technical forestry available to undergraduates.

Training in technical forestry leading to the professional degrees, Master of Forestry and Doctor of Forestry, is offered in the School of Forestry, and is open to all graduates of the pre-forestry curriculum in Trinity College and to graduates of recognized scientific schools or colleges, universities, and professional schools of forestry.

Duke University is also prepared to offer, through the Graduate School of Arts and Sciences, graduate work in the more scientific aspects of forestry leading to the Master of Arts and Doctor of Philosophy degrees. This work is available to graduates of schools of forestry of recognized standing, and to college or university graduates holding the Bachelor's degree with their major work in appropriate scientific subjects. Undergraduate subjects which the college student, who does not have forestry training but who is contemplating work toward either degree in forestry, should take in preparation for this work may be illustrated as follows: at least two full years in botany, including general morphology or anatomy, the taxonomy, physiology, and ecology of plants; at least one course in zoology or general biology; courses in chemistry, physics, geology, economics, mathematics; and at least two years of French or German.

Several staff members of the Appalachian Forest Experiment Station are engaged in co-operative research projects in the Duke Forest. Specialists from this station and other prominent members of the U. S. Forest Service and representatives of forest and wood-using industries give occasional scheduled lectures at the School.

EDUCATIONAL FACILITIES

The School of Forestry is located partly in Few Quadrangle and partly in the Biology Building along with the Departments of Botany and Zoology. The administrative offices, two classrooms, and the forest mensuration and statistical laboratory are in Few Quadrangle, while

other laboratories and offices and the School Library are in the Biology Building. The Biology Building contains, in addition to classrooms, laboratories, and offices, a library, three refrigerated rooms, an incineration room, a workshop, and eight dark-rooms. The School is provided with instruments and tools for use in both field and laboratory work in silvics, silviculture, and forest mensuration. Modern surveying instruments and accessory equipment are available for work in forest surveying.

Laboratories for work in wood anatomy and properties are provided with microtechnique and photomicrographic instruments, wood-working machinery, a Henderson dry kiln, and a 50,000-pound Olsen Universal timber-testing machine. A modern forest soils laboratory equipped for physical and chemical studies is available. In the field of seasoning and preservation of wood a commercial-sized, single-compartment dry kiln and a fully equipped experimental pressure treating cylinder are available for instruction and research.

Facilities are also available for advanced work in plant physiology, plant anatomy, plant taxonomy, genetics, plant ecology, plant pathology, and the several branches of zoology. Many rooms in the Biology Building are equipped with vacuum, compressed air, direct and alternating electric current, gas, and running water.

The forestry section of the Library contains a growing collection of material on forestry, soils, and closely related subjects. It includes important books and periodicals in English and in French, German, and certain other foreign languages. The Library is well provided with American material, including Federal and State documents and reports. Over 150 periodicals and serials of importance in forestry and related fields are received by subscription or exchange.

Greenhouses, connected to the Biology Building through a soil-storage and work room, provide adequate space for experimental work.

A nursery has been established by the University for the joint use of the Sarah P. Duke Floral Garden, the Botany Department, and the School of Forestry. The forestry section of this nursery is used mainly for the growing of planting stock for the Arboretum and trees needed for research or other special purposes.

THE DUKE FOREST

The Duke Forest, located in Durham and Orange counties, North Carolina, consists of three main units; namely, the Durham, New Hope Creek, and Hillsboro divisions. Early in the development of Duke University it was recognized that the possession of such an area offered an unusual opportunity for the development of educational work in forestry.

Situated on the lower Piedmont plateau at elevations ranging from 280 to 650 feet, and composed of second-growth shortleaf and loblolly pines, oak, gum, hickory, maple, yellow poplar, ash, and other hardwoods, the Forest is representative of the various types of timber growth found throughout the region. Over a hundred different species of trees are found within or near the Forest. The land is rolling and there is rela-

tively little rock outcrop, swamp, or other land of low productivity for timber growing. The total area of the Forest proper, exclusive of the University campus, is approximately five thousand acres.

THE ARBORETUM

A feature which will be of outstanding value in the teaching of both forestry and botany in the future is the provision for development of an arboretum. In their annual meeting on June 4, 1934, the Board of Trustees of Duke University, upon the recommendation of their Forestry Committee, voted to set aside permanently an area of over three hundred acres in the Forest to be used for arboretum purposes. The area lies adjacent to the main University campus directly across the road from the Chapel.

Through the generosity of the late W. W. Flowers, of New York, a member of the Class of 1894 and a Trustee of the University, it has been possible to develop preliminary plans and to make a number of plantings. This is naturally a long-time project, and many years will elapse before the Arboretum will be most useful and most attractive. The University Trustees' Committee on Forestry in their report to the Board refers to the Arboretum as follows:

"The Arboretum should serve as a station for the study of trees and woody plants as individuals and in small groups in their scientific relations, economic properties, and cultural characteristics, requirements, and possibilities. It should render an economic service by acting as a research laboratory where trees and shrubs can be studied from the viewpoint of a fuller utilization of their commercial possibilities. It should render a cultural service by serving as a center where foresters, landscape architects, nurserymen, gardeners, and the general public may increase their knowledge of indigenous trees and shrubs and where they may become acquainted with the foreign species that can be grown here. Within the University the Arboretum will supply living specimens and material for several branches of botany and forestry."

The development of the Arboretum will proceed along these lines as rapidly as available funds and planting stock will permit.

FELLOWSHIPS, SCHOLARSHIPS, AND RESEARCH ASSISTANTSHIPS IN FORESTRY

A number of fellowships, scholarships, and research assistantships are available to men who offer promise of becoming leaders in the forestry profession. These will be awarded for high character and marked scholastic ability as judged by education, experience, and personal references.

Holders of the awards will pay tuition and such additional fees as are regularly required.

The awards are of three classes with stipends and special conditions as follows:

(1) Fellowships of \$400 and \$600 each. Each recipient must have previously completed work equivalent to that required at Duke University

for a Master's degree with major in forestry or in a discipline basic to forestry. He will devote his entire time to an approved program of study and research in any of the branches of forestry. He is expected to become a candidate for the degree of Doctor of Forestry or Doctor of Philosophy.

(2) Scholarships of \$250 each. Each recipient will normally devote his entire time to an approved program of study leading to the degree of Master of Forestry or Master of Arts with a major in forestry.

(3) Research assistantships of \$500 each. Each recipient will devote half-time to field, laboratory, or other work of the research program of the School of Forestry. He will be permitted to enroll for not more than 20 semester hours in a school year on a program of study, or study and research, leading to the degree of Master of Forestry, Master of Arts, Doctor of Forestry, or Doctor of Philosophy.

The following arrangements are common to all fellowships, scholarships, and research assistantships in forestry:

(1) Each applicant must have received a Bachelor's degree from an acceptable professional school of forestry or must be a graduate of a recognized college or university. If an applicant is not a graduate of a school of forestry, he must have had major work in botany or soil science and in the allied basic sciences. Each applicant must show reasonably high scholarship. Preference will be given to men who have already obtained technical or professional training in forestry.

(2) It is highly desirable that each applicant state as specifically as possible the field in which he wishes to study. The definite selection of a major field of work—one that is specific in purpose and involves training both in fundamentals and in technique—is very helpful to the Committee on Awards.

(3) Application blanks for fellowships, scholarships, and research assistantships may be obtained by writing to the Dean of the School of Forestry, Duke University, Durham, North Carolina. When the blank has been filled out by the applicant it should be returned to the above address, and an *official transcript of record* showing college or university credits must accompany it or be forwarded promptly. The application and transcript must be filed not later than March 1 for consideration for the following academic year. In case vacancies occur, applications submitted on a later date may be considered.

REQUIREMENTS FOR ADMISSION TO THE SCHOOL OF FORESTRY

The following general requirements of the School of Forestry apply to candidates for the Master of Forestry degree:

Admission to the School of Forestry presupposes that the applicant is either a graduate of a scientific school, college, or university of high standing, but without professional training in forestry; or that he is a graduate of a professional school of forestry of recognized standing. He

will present not less than four years of credit of collegiate grade, with at least as many quality-points as hours.¹

An applicant with no professional training in forestry will present a certified transcript of his academic record showing that he has had conferred upon him a degree in arts, science, or engineering; and that he has satisfactorily completed undergraduate work in minimum amount as follows:

One year of botany, including the morphology, physiology, and identification of plants.

One year each of English and of chemistry.

One course each in physics and in the principles of economics.

Mathematics, through college algebra and trigonometry.

It is urged that an applicant without professional training in forestry present additional credits in the above subjects and in one or more of the following subjects: soils, geology, mineralogy, petrology, climatology, surveying, languages (particularly German and French), sociology, political science, philosophy, psychology, and zoology.

An applicant who is a graduate of a professional school of forestry of recognized standing will present a certified transcript of scholastic record showing the award of a degree. Before registering for the first semester of residence, such applicants will be required to select the branch or branches of forestry in which they wish to concentrate the major part of their work and to prepare their proposed programs in conference with the appropriate faculty adviser.

Students must make application for admission in advance of the opening of the school year. Those students entering without acceptable courses in plane surveying, forest surveying, and forest mensuration must take the twelve weeks of work in these subjects in the Summer Session, and are required to submit their applications prior to May 1. Students entering with advanced standing in surveying and forest mensuration should make application before September 1. Application blanks will be sent upon request made to the Dean of the School of Forestry.

REQUIREMENTS FOR THE DEGREE OF MASTER OF FORESTRY

The degree of Master of Forestry (M.F.) is conferred upon students who have satisfactorily completed two years of study in technical forestry and one term of twelve weeks' work in plane surveying, forest surveying, and forest mensuration in the Summer Session. In addition to the Summer School work a total of not less than sixty semester hours' credit is required for the M.F. degree, of which at least fifty-five shall be obtained in the School of Forestry. Each student must obtain at least as many quality-points as semester hours' credit under the quality-point system described in footnote 1 of the preceding section.

¹ Grades for each hour of college credit and also for credit earned in the School of Forestry are valued in quality-points as follows: "A," 3 points; "B," 2 points; "C," 1 point; "D," no points; and "F," no credit and —1 point.

A two weeks' field trip to typical timber-harvesting, manufacturing, and other forestry operations in the South is conducted by the School and is required as a part of the work in Forest Products Industries (Forestry 212). Other students in the School of Forestry may be permitted to take this trip as opportunities will be available for special work and observations in other branches of forestry in forest types not represented in the Duke Forest. One semester hour of credit may be earned for participation in the field trip by registering for it in Forestry 212A.

No student may take less than fifteen or more than eighteen hours in any one semester without special permission of the School of Forestry Faculty. The following work will be required of all candidates for the M.F. degree:

SUMMER SESSION

	S.H.
Plane Surveying (C. E. S110)	3
Forest Surveying (F. S150)	5
Forest Mensuration (F. S151)	4

FIRST YEAR*First Semester*

S.H.

Harvesting Forest Products (F. 211)	3
Forest Entomology (F. 231)	3
Sampling Methods (F. 251)	2
Dendrology (F. 253)	2
Wood Anatomy & Properties (F. 259)	3
Forest Soils (F. 261)	3

Second Semester

S.H.

Forest Products Industries (F. 212)	3
Forest Pathology (F. 224)	4
Dendrology (F. 254)	2
Silvics (F. 264)	3
Electives

SECOND YEAR

Silviculture (F. 265)	5	Forest Valuation (F. 282)	3
Forest Economics (F. 279)	3	Seminar (F. 292)	1
Forest Management (F. 281)	4	Thesis
Thesis	Electives
Electives		

Each candidate is required to file in the office of the Dean of the School of Forestry on or before May 1 three copies of a thesis, type-written and bound in accordance with regulations set forth by the Faculty. The thesis shall be based upon an original study made in the field, laboratory, or library.

Work of equivalent grade done in residence at recognized schools of forestry may, with the approval of the Faculty, be accepted as credit toward the M.F. degree. A minimum of one year's residence is required at Duke University. Students who have had satisfactory undergraduate training in forestry may, with the approval of the Faculty, elect to devote the major portion of their time to research under the supervision of one or more members of the Faculty and prepare a more comprehensive thesis than is required of students entering the School without previous work in forestry. Students in the School of Forestry may take in allied departments of the University as electives certain courses approved by the Faculty.

REQUIREMENTS FOR THE DEGREE OF DOCTOR OF FORESTRY

THE DEGREE

The degree of Doctor of Forestry is a research degree. It is based primarily upon evidence of high attainments in a special field of forestry knowledge and upon the production of a thesis embodying the results of original research. It is not based merely upon the completion of a prescribed period of study or upon the obtaining of credit for a given number of courses.

A student who plans to enter upon a program of work leading to the degree of Doctor of Forestry should consult or enter into correspondence with the Dean of the School of Forestry. He will then be advised as to the possibility of obtaining the necessary instruction and supervision of research in the special field desired.

RESIDENCE

The normal period of resident graduate study, following satisfaction of the general requirements for admission to the Duke School of Forestry, is a minimum of two academic years after the student has obtained the graduate professional degree of Master of Forestry, or its equivalent. At least one of these two years of graduate study must be spent in actual residence at Duke University. With the approval of the Faculty of the School of Forestry work of equal grade done in residence at another college or university, or at a research station or institute not connected with a college or university, may be accepted toward a Doctor of Forestry degree. Only in connection with the preparation of the thesis will work be accepted that has been done elsewhere than in residence at a college, university, research station, or institute. A student whose undergraduate work is insufficient in amount or unsatisfactory in character may be required to spend additional time in preliminary courses essential as a basis for the graduate work he proposes to undertake.

Students whose research is concerned with the study of trees and forest stands in the Duke Forest during the growing season may find it necessary to be at the University during the summer.

Credit for one year of work done in regular terms of the Summer Session at Duke University may be given with the approval of the School of Forestry Faculty. Except in unusual cases, graduate work of fragmentary character taken over a long period of years, or work completed many years before the student becomes a candidate for the degree at Duke University, will not be accepted as satisfying the requirements of residence.

APPLICATION FOR CANDIDACY

No student will be admitted as a candidate for the degree of Doctor of Forestry until he has obtained the professional graduate degree of Master of Forestry or its equivalent, either at Duke University or at a professional school of forestry of recognized standing. A student desir-

ing to become a candidate for the Doctor of Forestry degree is ordinarily required to file with the Dean of the School of Forestry, at the beginning of his graduate work toward this degree, a formal application indicating in which field and under what professor he proposes to carry on research. A committee of the Faculty will then be appointed to supervise the student's work, with the professor in charge of his research as chairman. If and when the committee finds that the preliminary requirements of the major field have been satisfied, the chairman of the committee will report the fact in writing to the Dean of the School of Forestry. In the case of students who come to Duke University for only the last year of graduate work, and in special cases approved by the School of Forestry Faculty, the application for recognition as a candidate for the Doctor of Forestry degree may be filed later than provided above, but not later than October 15 of the academic year in which it is desired that the degree be conferred.

PROGRAM OF STUDY

The program of study of a candidate for the Doctor of Forestry degree will be arranged after consultation with the committee provided for in the preceding section and is subject to the approval of the Dean and Faculty of the School of Forestry. The student must select a major field and one or two minor related fields. Both major and minor may be selected in different branches of forestry, or the minor may be taken in a related field in some other school or department of Duke University.

FOREIGN LANGUAGES

A reading knowledge of two foreign languages is required. One language shall be either French or German, and the other optional to fit the requirements of the student's problem. No student can come up for his preliminary examination before having satisfied the language requirements for the Doctor's degree. Foreign language examinations are conducted by the appropriate language department or, in special cases, by a qualified member of the Faculty of Duke University.

PRELIMINARY EXAMINATION

Toward the end of the first full year of graduate work for the Doctor of Forestry degree (or in special cases early in the second year), a preliminary examination of each candidate will ordinarily be held covering the general field of his studies. This examination will be conducted by the committee in charge of the student's work and will be written. A student who passes the examination will be recognized as a candidate for the Doctor of Forestry degree. A student's major and minor subjects will ordinarily be included in this preliminary examination.

If a student fails on his first examination, he may make a second attempt after six months upon recommendation of his committee and the approval of the Dean of the School of Forestry. Two failures on this examination make the student ineligible to continue work toward the Doctor of Forestry degree at Duke University.

THESIS

The thesis for the Doctor of Forestry degree must be a contribution to knowledge. The subject of the thesis must be filed with the Dean of the School of Forestry on or before October 15 of the academic year in which the candidate desires to take the final examination for his degree. The subject must receive the written approval of the professor under whom the thesis is being written and of the Dean of the School of Forestry. The thesis must be completed to the satisfaction of the major professor. Four typewritten copies in approved form must be deposited with the Dean of the School of Forestry on or before April 15 if the student desires to be examined on the thesis in the same academic year. The title page must be approved by the Dean of the School of Forestry. Two of the copies, the original and a carbon copy, are placed in the School of Forestry library, one copy goes to the major adviser, and one is returned to the student.

The candidate's thesis must be published either in its original form or in a modified form approved by the Dean of the School of Forestry and the committee in charge of the candidate's work. In its published form the title page should include this statement: "A Thesis Submitted in Partial Fulfillment of the Requirements for the Degree of Doctor of Forestry in the School of Forestry of Duke University." Ten copies of the published thesis should be deposited in the office of the Dean of the School of Forestry within a reasonable time after publication. The degree will not be conferred until publication of the thesis, in approved form, within three years has been guaranteed in a way satisfactory to the Dean of the School of Forestry and the professor under whom the thesis was written.

FINAL EXAMINATION

The final examination will be on the thesis and on related subject matter and will be oral. Approximately one year must elapse between the dates of the preliminary examination and the final examination, except in special cases approved by the School of Forestry Faculty. Two failures on this examination make a student ineligible to continue work toward the Doctor of Forestry degree at Duke University. The second examination may be given only upon the recommendation of the professor in charge of the thesis and the approval of the Dean of the School of Forestry.

GRADING

Members of the Faculty are expected to report grades of graduate students to the School of Forestry Office not later than February 15 for the first semester and not later than June 15 for the second semester on the cards provided for that purpose. An average grade of "B" or better will be required for all work, beyond that for the degree of Master of Forestry, that is to be credited toward the Doctor of Forestry degree. A mark of "Incomplete" may be given when a student has failed, for an acceptable reason, to complete some portion of the required work in which his standing is generally satisfactory. Unless a report is made

within one year that the work has been satisfactorily completed, all credit will be lost.

FORESTRY IN THE GRADUATE SCHOOL

Graduate work toward the Master of Arts and Doctor of Philosophy degrees in the more scientific branches of forestry is available to adequately prepared students at Duke University. This work is given through the Division of Forestry of the Graduate School of Arts and Sciences by certain members of the School of Forestry Faculty.

The following special conditions will influence the acceptance of students for graduate study in forestry: The student must have received a degree from a professional school of forestry of recognized standing or from an approved college or university. Graduates of professional schools of forestry must also have had adequate training in liberal arts and sciences, approximating 86 semester hours, before being admitted to candidacy for the Master of Arts or Doctor of Philosophy degrees. College graduates who have had specialized training in botany or soil science and in allied basic subjects, such as physics, chemistry, geology, and zoology, may pursue graduate study and research only in the specialized fields for which their previous work has qualified them.

The Forestry Staff will determine whether a student is qualified to pursue graduate study in any of the special fields of forestry in which work is available.

The Master of Arts and Doctor of Philosophy degrees are attained through scientific work rather than technical or professional training in forestry. Work for these degrees may be pursued only in forest-tree physiology, wood anatomy and properties, forest pathology, forest entomology, silvics, forest soils, forest mensuration, forest management, and forest economics, except that a major cannot be taken in forest management. A student upon registration chooses a field of study which may lie in two or more departments. The members of the Graduate School Faculty best qualified in that field are named as the student's advisory committee, regardless of the department of which they are members. This committee will advise the student in the planning and conduct of his work and will evaluate it when completed.

A reading knowledge of French and German must be acquired early in the course of graduate study in forestry because much of the forestry literature of the world is written in or has summaries in these languages. For the Ph.D. degree the language requirement must be met before the preliminary examination is taken and usually before the preparation of the thesis is begun.

The length of time required for a student to obtain the Master of Arts and Doctor of Philosophy degrees in forestry is determined by the character of his previous work and by the quality of his work in the Graduate School. Upon the recommendation of the Forestry Staff and with the approval of the Council on Graduate Instruction, work of equal grade done in residence at another college or university, or at a research

station or institute not connected with a college or university, may be accepted toward a Ph.D. degree, but at least the last year or the first two years of graduate study must be spent in actual residence at Duke University. Only in connection with the preparation of the thesis will work be accepted that has been done elsewhere than in residence at a college, university, or research station.

Students whose research is concerned with the study of trees and forest stands in the Duke Forest during the growing season may find it necessary to be at the University during the summer.

The field of study may include advanced work in allied subjects as well as advanced work in forestry. The student should have covered, however, most of the basic subjects prior to entering the Graduate School. The required advanced work will depend upon the student's previous training and the special field of study selected. Before beginning his work the student must obtain approval of his proposed program of study, including the plans for the research for his thesis. Courses of study must be correlated with each other and with the thesis research.

For further information on requirements for admission to the Graduate School of Arts and Sciences and on the general requirements for the Master of Arts and Doctor of Philosophy degrees reference should be made to the *Bulletin of the Graduate School of Arts and Sciences*.

COURSES OF INSTRUCTION

This is a condensed description of courses. For a full description, see Bulletin of the School of Forestry.

IN THE SUMMER SESSION

C.E. S110. Plane Surveying.—3 s.h.
PROFESSORS BIRD AND W. H. HALL AND MR. WILLIAMS

S150. Forest Surveying.—Prerequisites: Civil Engineering, S110, plane surveying, or equivalent. 5 s.h.
ASSOCIATE PROFESSOR MAUGHAN

S151. Forest Mensuration.—4 s.h. PROFESSOR SCHUMACHER

FOR SENIORS AND GRADUATES

211. Harvesting Forest Products.—3 s.h. PROFESSOR WACKERMAN

212. Forest Products Industries.—Prerequisite: Forestry 211 or equivalent. 3 s.h.
PROFESSOR WACKERMAN

213. Seasoning and Preservation of Wood.—3 s.h. PROFESSOR WACKERMAN

214. Marketing Forest Products.—Prerequisites: Forestry 211 and 212, or equivalents. 3 s.h.
PROFESSOR WACKERMAN

224. Forest Pathology.—Prerequisites: Botany 1 and 2, and Forestry 253-254, or equivalents. 4 s.h.
PROFESSOR WOLF

231. Forest Entomology.—3 s.h. PROFESSOR BEAL

236. Forest Game Management.—3 s.h. PROFESSOR BEAL

251. Sampling Methods in Forestry.—Prerequisite: Forestry S151. 2 s.h.
PROFESSOR SCHUMACHER

252. Forest Mensuration.—Prerequisite: Forestry 251. 2 s.h.
PROFESSOR SCHUMACHER

253-254. Dendrology.—Prerequisite: one year of botany. 4 s.h.
ASSOCIATE PROFESSOR HARRAR

256. Wood Pulp and Pulp Products.—Prerequisites: Forestry 212 and 259, or equivalents. 3 s.h.
ASSOCIATE PROFESSOR HARRAR

257. Design of Forestry Experiments and Analysis of Data.—5 s.h.
PROFESSOR SCHUMACHER

259. Wood Anatomy and Properties.—Prerequisites: one year of botany and Chemistry 1 and 2, or equivalents. 3 s.h. ASSOCIATE PROFESSOR HARRAR

260. Timber Mechanics.—Prerequisites: Physics 1 and Forestry 259, or equivalents. 3 s.h. ASSOCIATE PROFESSOR HARRAR

261. Forest Soils.—Prerequisites: Chemistry 1 and 2, and Physics 1, or equivalents: physical geology and analytical chemistry are also desirable. 3 s.h. ASSOCIATE PROFESSOR COILE

264. **Silvics.**—Desirable prerequisites: plant physiology, plant ecology, and Forestry 253-254 and 261, or equivalents. 3 s.h. PROFESSOR KORSTIAN
265. **Theory and Practice of Silviculture.**—Prerequisite: Forestry 264 or equivalent. 5 s.h. PROFESSOR KORSTIAN
266. **Forest Seeding and Planting.**—2 s.h. PROFESSOR KORSTIAN
273. **Forest Protection.**—2 s.h. ASSOCIATE PROFESSOR THOMSON
276. **Forest Policy.**—2 s.h. ASSOCIATE PROFESSOR THOMSON
279. **Economics of Forestry.**—Prerequisite: at least one course in the principles of economics. 3 s.h. ASSOCIATE PROFESSOR THOMSON
281. **Forest Management.**—Prerequisites: Forestry S150, S151, and 251, or equivalents. 4 s.h. ASSOCIATE PROFESSOR MAUGHAN
282. **Forest Valuation.**—Prerequisite: Forestry 281 or equivalent. 3 s.h. ASSOCIATE PROFESSOR MAUGHAN
292. **Seminar.**—1 s.h. THE STAFF
- 211A to 282A. **Special Studies in Forestry.**—Credits and hours to be arranged. THE STAFF

FOR GRADUATES

- 301-302. **Advanced Studies in Forestry.**—Credits to be arranged.
- a. **Silvics.**—Prerequisite: Forestry 253-254, 261 and 264 or equivalents. PROFESSOR KORSTIAN
- b. **Forest Soils.**—Prerequisite: Forestry 261 or equivalent. ASSOCIATE PROFESSOR COILE
- c. **Silviculture.**—Prerequisite: Forestry 265 or equivalent. PROFESSOR KORSTIAN
- d. **Forest Management.**—Prerequisite: Forestry 281 or equivalent. ASSOCIATE PROFESSOR MAUGHAN
- e. **Forest Economics.**—Prerequisite: Forestry 279 or equivalent. ASSOCIATE PROFESSOR THOMSON
- f. **Wood Anatomy and Properties.**—Prerequisites: Forestry 259 and 260, or equivalents. ASSOCIATE PROFESSOR HARRAR
- g. **Forest Mensuration.**—Prerequisites: Forestry S151, 251, and 252, or equivalents. PROFESSOR SCHUMACHER
- h. **Forest Entomology.**—Prerequisite: Forestry 231 or equivalent. PROFESSOR BEAL
- i. **Forest Utilization.**—Prerequisites: Forestry 211 and 212, or equivalents. PROFESSOR WACKERMAN
- j. **Dendrology.**—Prerequisite: Forestry 253-254 or equivalent. ASSOCIATE PROFESSOR HARRAR
311. **Advanced Forest Utilization.**—Prerequisite: Forestry 211 or equivalent. 2 s.h. PROFESSOR WACKERMAN
- 323-324. **Advanced Forest Pathology.**—Prerequisites: plant physiology and forest pathology. Credits to be arranged. PROFESSOR WOLF

351-352. Advanced Physiology of Forest Trees.—Prerequisites: plant physiology and plant ecology or silvics. Credits to be arranged.

ASSOCIATE PROFESSOR KRAMER

354. Forest Soil Fertility.—Prerequisites: Forest 251 and 261, and plant physiology, or equivalents; bacteriology and analytical and organic chemistry are desirable. 3 s.h.

ASSOCIATE PROFESSOR COILE

356. Economic Forces in Forestry.—Prerequisites: Forestry 279 and 282, or equivalents; courses in economic theory are desirable. 2 s.h.

ASSOCIATE PROFESSOR THOMSON

357-358. Research in Forestry.—Credits to be arranged. THE STAFF

FEES AND EXPENSES

The following tables show the general fees and charges collected from all students and the special fees collected from those taking laboratory courses. All fees for each semester are due and payable, unless otherwise specified, at the time of registration at the beginning of that semester, and no student is admitted to classes until arrangements have been made with the Treasurer of the University for the settlement of fees.

GENERAL FEES

Matriculation, per semester	\$ 25.00
Tuition, per semester	100.00
Athletic Fee, admitting students to all athletic contests held on the University grounds, per semester	5.00
Damage Fee, payable annually at the time of first registration.....	1.00
Medical Fee, per semester.....	5.00
Library Fee, per semester.....	5.00
Commencement Fee, payable once by graduate students in the last semester before a degree is conferred.....	3.00
Diploma Fee, payable by candidates for degrees, at the beginning of the second semester, refunded if the diploma is not awarded.....	5.00

For further information concerning room-rent, see below.

SPECIAL FEES

Graduate students in the sciences are required to pay the special laboratory fees for courses as fixed by the various departments. An administrative fee is charged in connection with special research in the summer under direction of a member of the Faculty. Special laboratory and materials fees in forestry are as follows:

Forestry 224, 253, 259, 260, 264, 301a, 302a, 357a, and 358a.	\$2.50
Forestry 261, 351-352, 354, 301b, 301f, 302b, 302f, 357b, 357f, 358b, and 358f.....	\$2.50 to \$5.00

TRANSCRIPTS

A student desiring to transfer from Duke University to another institution is entitled to one transcript of his record. A charge of one dollar is made for each additional copy.

PAYMENTS TO FELLOWS AND SCHOLARS

Payments by the University of stipends to fellows, research assistants, and scholars are made in four installments, on November 25, January 25, March 25, and May 25.* Fellows and scholars are required to pay the regular tuition fee and such additional fees as are ordinarily required of graduate students.

* This date of payment will be adjusted to accord with the advancement in the date of Commencement.

THE SUMMER SESSION

HOLLAND HOLTON, A.B., J.D.
Director

1942

First Term: June 9 to July 20
Second Term: July 21 to August 31
Summer Quarter: June 9 to August 24

FACULTY OF THE SUMMER SESSION

- ADAMS, DONALD KEITH; A.B., Pennsylvania State College; A.M., Harvard; Ph.D., Yale; PSYCHOLOGY (Duke University).
- ADDOMS, RUTH MARGERY; A.B., A.M., Wellesley; Ph.D., University of Wisconsin; BOTANY (Duke University).
- ANDERSON, LEWIS EDWARD; B.S., Mississippi State College; A.M., Duke; Ph.D., University of Pennsylvania; BOTANY (Duke University).
- AYCOCK, THOMAS MALCOLM; B.S., Oklahoma State College; M.S., University of Iowa; HEALTH EDUCATION (Duke University).
- BAUM, PAULL FRANKLIN; A.B., Hamilton College; A.M., Ph.D., Harvard; University of Munich, University of Vienna, and University of Lausanne, 1909-11; Sorbonne, 1913-14; ENGLISH (Duke University).
- BERRY, EDWARD WILLARD; A.B., Ph.D., Johns Hopkins; GEOLOGY (Duke University).
- BERRY, THOMAS SENIOR; A.B., A.M., Ph.D., Harvard; ECONOMICS (Duke University).
- BIGELOW, LUCIUS AURELIUS; B.S., Massachusetts Institute of Technology; Ph.D., Yale; CHEMISTRY (Duke University).
- BIRD, HAROLD CRUSIUS; Ph.B., C.E., Yale; CIVIL ENGINEERING (Duke University).
- BOND, GEORGE WILLIAM; B.S., University of Arkansas; A.M., University of Chicago; Ph.D., Columbia; EDUCATION (Southeastern Louisiana College).
- BOND, RICHMOND P.; A.B., Vanderbilt University; A.M., Ph.D., Harvard; ENGLISH (University of North Carolina).
- BONNER, LYMAN GAYLORD; A.B., University of Utah; Ph.D., California Institute of Technology; PHYSICS (Duke University).
- BOOKHOUT, CAZLYN GREEN; A.B., St. Stephens College; A.M., Syracuse University; Ph.D., Duke; ZOOLOGY (Duke University).
- BRADLEY, EDWARD SCULLEY; A.B., A.M., Ph.D., University of Pennsylvania; ENGLISH (University of Pennsylvania).
- BRADSHER, CHARLES KILGO; A.B., Duke; A.M., Ph.D., Harvard; CHEMISTRY (Duke University).
- BRANSCOMB, BENNETT HARVIE; A.B., Birmingham-Southern College; B.A., M.A., Oxford; Ph.D., Columbia; Litt.D., Birmingham-Southern College; RELIGION (Duke University).
- BRIDGERS, FURMAN ANDERSON; A.B., Duke; A.M., University of Chicago; University of Chicago, 1928-29, 1933; FRENCH (Duke University).
- BROWN, FRANCES; A.B., Agnes Scott College; Ph.D., Johns Hopkins; CHEMISTRY (Duke University).

- BROWNELL, WILLIAM ARTHUR; A.B., Allegheny College; A.M., Ph.D., University of Chicago; EDUCATIONAL PSYCHOLOGY (Duke University).
- BRUINSMA, HENRY A.; B.M., M.M., University of Michigan; MUSIC (Duke University).
- CANNON, JAMES, III; A.B., Duke; A.M., Princeton; Th.B., Th.M., Princeton Theological Seminary; Edinburgh University, 1919; Garrett, 1924; D.D., Birmingham-Southern College; RELIGION (Duke University).
- CARLITZ, LEONARD; A.B., Ph.D., University of Pennsylvania; MATHEMATICS (Duke University).
- CARPENTER, DAVID WILLIAMS; A.B., A.M., Ph.D., Duke; PHYSICS (Duke University).
- CARPENTER, JAMES MADISON; A.B., A.M., University of Mississippi; Ph.D., Harvard; ENGLISH (Duke University).
- CARPER, DORIS VIOLA; B.S., Farmville State Teachers College; A.M., Ph.D., Duke; EDUCATION (Duke University).
- CARR, JOHN WINDER, JR.; A.B., Duke; A.M., Ph.D., Columbia; EDUCATION (Duke University).
- CARROLL, EBER MALCOLM; A.B., A.M., Ph.D., University of Michigan; HISTORY (Duke University).
- CASTELLANO, JUAN RODRIGUEZ; B.A., Instituto Cardinal Cisneros, Madrid; Licenciado en Filosofía y Letrad, Doctor en Filosofía, University of Madrid; SPANISH (Vanderbilt University).
- CHAPMAN, ROBERT G.; B.S. in M.E., Case School of Applied Science; M.M.E., Rensselaer Polytechnic Institute; ENGINEERING (Duke University).
- CHILDS, BENJAMIN GUY; A.B., A.M., University of Virginia; University of Virginia, 1921-22; EDUCATION (Duke University).
- CLYDE, PAUL HIBBERT; A.B., A.M., Ph.D., Leland Stanford; HISTORY (Duke University).
- COILE, THEODORE STANLEY; B.S.F., University of Michigan; M.F., Ph.D., Yale; FOREST SOILS (Duke University).
- CONSTANT, FRANK WOODBRIDGE; B.S., Princeton; Ph.D., Yale; PHYSICS (Duke University).
- COWPER, FREDERICK AUGUSTUS GRANT; A.B., A.M., Trinity College (Conn.); University of Strasburg, 1906-07; University of Geneva, 1907-08; Ph.D., University of Chicago; FRENCH (Duke University).
- CUNNINGHAM, BERT; B.S., M.S., Illinois Wesleyan; A.M., Duke; Ph.D., University of Wisconsin; ZOOLOGY (Duke University).
- DALE, EDWARD EVERETT; A.B., University of Oklahoma; A.M., Ph.D., Harvard; HISTORY (University of Oklahoma).
- DAVIS, GIFFORD; A.B., Bowdoin College; A.M., Ph.D., Harvard; SPANISH (Duke University).
- DOW, NEAL; A.B., Kenyon College; A.M., Ph.D., University of Pennsylvania; FRENCH (Duke University).

- DRESSEL, FRANCIS GEORGE; B.S., Michigan State College; M.S., University of Michigan; Ph.D., Duke; MATHEMATICS (Duke University).
- EASLEY, HOWARD; A.B., Union University, Tenn.; A.M., Ph.D., George Peabody College; EDUCATIONAL PSYCHOLOGY (Duke University).
- ELLIOTT, WILLIAM WHITFIELD; B.A., Hampden-Sydney College; A.M., University of Kentucky; Ph.D., Cornell; MATHEMATICS (Duke University).
- FITZGERALD, WILLIAM STONE; A.B., Vanderbilt; A.M., Harvard; Duke, 1934-37; ENGLISH (Duke University).
- GAMBLE, GUY C.; B.S., Ph.D., Columbia; EDUCATION (Economic Consultant, Federal Trade Commission, Washington, D. C.).
- GARCÍA-PRADA, CARLOS; Colegio del Rosario, Bogotá; Ph.B., National University of Colombia; A.M., University of Washington; Ph.D., University of Michigan; SPANISH (University of Washington).
- GARDINER, ANN HENSHAW; R.N., Grad. Shepherd Normal School (W. Va.); B.S., Columbia; University of Washington Medical School of Hygiene, 1924-25; M.S., Kansas State College; HYGIENE (Queens College).
- GERGEN, JOHN JAY; A.B., A.M., University of Minnesota; Ph.D., Rice Institute; MATHEMATICS (Duke University).
- GIBSON, WILLIAM MARION; B.A., University of Richmond; A.M., Ph.D., Duke; POLITICAL SCIENCE (Duke University).
- GILBERT, ALLAN H.; B.A., Cornell; A.M., Yale; Ph.D., Cornell; ENGLISH (Duke University).
- GOHDES, CLARENCE; A.B., Capital University; A.M., Ohio State University; A.M., Harvard; Ph.D., Columbia; ENGLISH (Duke University).
- GOLDTHORPE, J. HAROLD; A.B., Hamline University; A.M., Ph.D., University of Minnesota; EDUCATION (Research Staff, American Council on Education).
- GWYNN, JOHN MINOR; A.B., A.M., University of North Carolina; Ph.D., Yale; EDUCATION (University of North Carolina).
- GWYNN, PRICE HENDERSON, JR.; A.B., A.M., University of North Carolina; B.D., Yale Divinity School; Ph.D., Yale; EDUCATION (Davidson College).
- HALL, WILLIAM HOLLAND; A.B., A.M., Duke; B.C.E., University of Michigan; M.S.C.E., University of Wisconsin; ENGINEERING (Duke University).
- HAMILTON, WILLIAM BASKERVILLE, JR.; A.B., A.M., University of Mississippi; Ph.D., Duke University; HISTORY (Duke University).
- HART, HORNELL NORRIS; A.B., Oberlin College; A.M., University of Wisconsin; Ph.D., University of Iowa; SOCIOLOGY (Duke University).
- HARWELL, GEORGE CORBIN; A.B., A.M., Ph.D., Duke; ENGLISH (Duke University).
- HASBROUCK, FRANCIS MAHLON; A.B., Ph.D., Johns Hopkins; Diplôme de l'École de préparation pour les professeurs de Français à l'étranger, Sorbonne, Paris; SPANISH (Duke University).

- HATLEY, CHARLES CLEVELAND; A.B., Duke; A.M., Ph.D., Columbia; PHYSICS (Duke University).
- HEBB, MALCOLM HAYDEN; B.A., British Columbia; Ph.D., Harvard; PHYSICS (Duke University).
- HIGHSMITH, JOHN HENRY; A.B., A.M., Duke; Columbia, 1904-06; LL.D., Catawba College; D.Ed., Wake Forest College; PUBLIC SCHOOL ADMINISTRATION (Director of Instructional Service, North Carolina State Department of Public Instruction).
- HILL, DOUGLAS; A.B., Yale; A.M., Ph.D., Princeton; CHEMISTRY (Duke University).
- HILLEGAS, MILO BURDETTE; Ph.B., University of Rochester; Ph.D., Columbia; LL.D., University of Vermont; EDUCATION (Columbia University).
- HILLMAN, JAMES ELGAN; B.Ped., Berea College; B.S., A.M., Ph.D., George Peabody College; EDUCATION (Director of Professional Service, North Carolina State Department of Public Service).
- HOBBS, MARCUS EDWIN; A.B., A.M., Ph.D., Duke; CHEMISTRY (Duke University).
- HON, RALPH CLIFFORD; A.B., University of Illinois; A.M., Harvard; Ph.D., University of North Carolina; ECONOMICS (Duke University).
- HORNBERGER, THEODORE; A.B., A.M., Ph.D., University of Michigan; ENGLISH (University of Texas).
- HOWE, GEORGE FREDERICK; A.B., University of Vermont; A.M., Ph.D., Harvard; HISTORY (University of Cincinnati).
- HUBBELL, JAY BROADUS; A.B., University of Richmond; A.M., Harvard; Ph.D., Columbia; ENGLISH (Duke University).
- JENKINS, RAYMOND; A.B., Cornell; Ph.D., Yale; ENGLISH (Catawba College)
- JENSEN, HOWARD EIKENBERRY; A.B., A.M., University of Kansas; B.D., Ph.D., University of Chicago; SOCIOLOGY (Duke University).
- JERNIGAN, CHARLTON CONEY; A.B., A.M., Ph.D., Duke; GREEK LITERATURE (Woman's College of University of North Carolina).
- JOHN, LENORE SUSAN; A.B., York College; A.M., University of Chicago; Chicago, 1927-30; ELEMENTARY EDUCATION (Teacher in Mathematics, University of Chicago Laboratory Schools).
- JORDAN, BRADY RIMBEY; Litt.B., Princeton; Ph.D., University of Wisconsin; FRENCH (Duke University).
- KENNEDY, ANNA HELEN; A.B., University of California at Los Angeles; A.M., Claremont Colleges; Ph.D., University of Chicago; EDUCATION (Reading Consultant, Pasadena City Schools, Calif.).
- LANDON, CHARLES E.; A.B., A.M., University of Kansas; Ph.D., University of Illinois; ECONOMICS (Duke University).
- LANNING, JOHN TATE; A.B., Duke; A.M., University of California; University of London, 1926-27; Ph.D., University of California; HISTORY (Duke University).
- LEARY, LEWIS; B.S., University of Vermont; A.M., Ph.D., Columbia; ENGLISH (Duke University).

- LEMERT, BEN FRANKLIN; B.S.E., M.S., Ohio State University; Ph.D., Columbia; ECONOMICS (Duke University).
- LEWIS, RALPH E.; B.S. in M.E., University of Iowa; M.S. in M.E., University of Illinois; ENGINEERING DRAWING (Duke University).
- LUNDEBERG, OLAV K.; A.B., St. Olaf College; A.M., Ph.D., University of Minnesota; Université de Montpellier, 1918; Centro de Estudios Históricos, Madrid, 1929; SPANISH (Duke University).
- MCCARRELL, DAVID KITHEART; A.B., Washington and Jefferson College; A.M., Ph.D., Duke; HISTORY (Milligan College).
- MCCLOY, SHELBY THOMAS; A.B., A.M., Davidson College; B. Litt., B.A., Oxford; Ph.D., Columbia; HISTORY (Duke University).
- MABRY, WILLIAM ALEXANDER; A.B., A.M., Harvard; Ph.D., Duke; HISTORY (Mount Union College).
- MANCHESTER, ALAN KREBS; A.B., Vanderbilt; A.M., Columbia; Ph.D., Duke; HISTORY (Duke University).
- MAUGHAN, WILLIAM; B.S., University of Minnesota; M.F., Yale; FORESTRY (Duke University).
- MIMS, EDWIN; A.B., A.M., Vanderbilt; Ph.D., Cornell; ENGLISH (Vanderbilt University).
- MITCHELL, FRANK KIRBY; A.B., Millsaps College; A.M., University of Michigan; Oriel College, Oxford, 1921-24; ENGLISH (Duke University).
- ODELL, CHARLES WATTERS; A.B., A.M., DePauw University; Ph.D., University of Illinois; EDUCATIONAL PSYCHOLOGY (University of Illinois).
- OOSTING, HENRY JOHN; A.B., Hope College; M.S., Michigan State College; Ph.D., University of Minnesota; BOTANY (Duke University).
- OUTLER, ALBERT COOK; A.B., Wofford College; B.D., Emory University; Ph.D., Yale; RELIGION (Duke University).
- PATTERSON, KARL BACHMAN; A.B., Roanoke College; A.M., Princeton; Johns Hopkins, 1908-09; University of Pennsylvania, 1909-11; MATHEMATICS (Duke University).
- PATTON, LEWIS; A.B., Furman University; Ph.D., Yale; ENGLISH (Duke University).
- PEARSE, ARTHUR SPERRY; B.S., A.M., University of Nebraska; Ph.D., Harvard; ZOOLOGY (Duke University).
- PETRY, RAY C.; A.B., Manchester College; A.M., Ph.D., University of Chicago; RELIGION (Duke University).
- PORTERFIELD, AUSTIN L.; A.B., Oklahoma City University; A.M., Drake University; B.D., Phillips University; Ph.D., Duke; SOCIOLOGY (Texas Christian University).
- PROCTOR, ARTHUR MARCUS; A.B., Duke; A.M., Ph.D., Columbia; EDUCATION (Duke University).
- PUNKÉ, HAROLD HERMAN; B.S., M.S., University of Illinois; Ph.D., University of Chicago; EDUCATION (Georgia State Woman's College).

- RANKIN, ROBERT STANLEY; A.B., Tusculum College; A.M., Ph.D., Princeton; POLITICAL SCIENCE (Duke University).
- RANKIN, WILLIAM WALTER; B.E., North Carolina State College of Agriculture and Engineering; A.M., University of North Carolina; Harvard, 1914-15; Columbia, 1919-21; MATHEMATICS (Duke University).
- RATCHFORD, BENJAMIN ULYSSES; A.B., Davidson College; A.M., Ph.D., Duke; ECONOMICS (Duke University).
- RAYMOND, MARY LOIS; A.B., Mount Holyoke College; A.M., Radcliffe College; University of Wisconsin, 1919-20; University of Madrid and University of Paris, 1921-22; School of International Studies, Geneva, 1928; SPANISH (Duke University).
- REED, FREDERICK JEROME; M.E., Stevens Institute of Technology; M.S. in M.E., University of Pittsburgh; ENGINEERING (Duke University).
- REID, JOHN TURNER; A.B., A.M., Ph.D., Leland Stanford; SPANISH (Duke University).
- ROBERT, JOSEPH CLARKE; B.A., Furman University; A.M., Ph.D., Duke; HISTORY (Duke University).
- ROBERTS, JOHN HENDERSON; A.B., Ph.D., University of Texas; National Research Fellow, University of Pennsylvania, 1929-30; MATHEMATICS (Duke University).
- ROPP, THEODORE; A.B., Oberlin College; A.M., Ph.D., Harvard; HISTORY (Duke University).
- SAYLOR, JOHN HENRY; A.B., Southern Methodist University; A.M., Ph.D., Duke; CHEMISTRY (Duke University).
- SCATES, DOUGLAS EDGAR; A.B., Whitworth College; Ph.D., University of Chicago; EDUCATION (Duke University).
- SCHUMACHER, FRANCIS X.; B.S., University of Michigan; FORESTRY (Duke University).
- SHIELDS, JOHN HERMAN; A.B., A.M., University of Texas; Columbia, 1924-26; ACCOUNTING (Duke University).
- SIMPSON, WILLIAM HAYS; A.B., Tusculum College; A.M., Ph.D., Duke; POLITICAL SCIENCE (Duke University).
- SLAY, RONALD JAMES; B.S., University of Mississippi; A.M., Ph.D., Columbia; TEACHING OF SCIENCE (East Carolina Teachers College).
- SMITH, ROBERT SIDNEY; A.B., A.M., Amherst College; Ph.D., Duke; ECONOMICS (Duke University).
- SPENCER, HAZELTON; A.B., Boston University; A.M., Ph.D., Harvard; ENGLISH (Johns Hopkins University).
- SPENGLER, JOSEPH JOHN; A.B., A.M., Ph.D., Ohio State University; ECONOMICS (Duke University).
- STRANG, RUTH M.; B.S., A.M., Ph.D., Columbia; EDUCATION (Columbia University).
- SYDNOR, CHARLES SACKETT; A.B., Hampden-Sydney College; Ph.D., Johns Hopkins; HISTORY (Duke University).

- TANRUTHER, EDGAR M.; B.S., Iowa State College; M.A., Ph.D., University of Iowa; EDUCATION (State Teachers College, Minot, North Dakota).
- THOMPSON, EDGAR TRISTRAM; A.B., University of South Carolina; A.M., University of Missouri; Ph.D., University of Chicago; SOCIOLOGY (Duke University).
- VAN VOORHIS, ROBERT HENRY; A.B., A.M., Duke; Duke, 1941-42; ACCOUNTING (Duke University).
- WALLIN, JOHN EDWARD WALLACE; A.B., Augustana College; A.M., Ph.D., Yale; EDUCATIONAL PSYCHOLOGY (Director of Special Education and Mental Hygiene, Delaware State Department of Public Instruction).
- WALTON, LORING BAKER; A.B., Princeton; Harvard, 1917-18; Lic. ès L., Sorbonne; FRENCH (Duke University).
- WARD, CHARLES EUGENE; A.B., Baker University; A.M., Ph.D., Duke; ENGLISH (Duke University).
- WATSON, KARL BRANTLEY, JR.; B.S., A.B., University of Chattanooga; A.M., Ph.D., Duke; EDUCATION (Duke University).
- WEST, ALFRED THURBER; B.S., Alabama Polytechnic Institute; A.M., University of Alabama; Teacher's Certificate from American Academy of Dramatic Art; ENGLISH (Duke University).
- WHITE, NEWMAN IVEY; A.B., A.M., Duke; A.M., Ph.D., Harvard; ENGLISH (Duke University).
- WILBUR, RALPH SYDNEY; B.S. in M.E., M.E., Tufts College; ENGINEERING (Duke University).
- WILLIAMS, JAMES WESLEY; A.B., Duke; B.S. in C.E., Georgia School of Technology; ENGINEERING (Duke University).
- WILSON, JOHN WOODROW; B.S., Ph.D., Duke; ZOOLOGY (Duke University).
- WILSON, ROBERT NORTH; A.B., Haverford College; M.S., University of Florida; Harvard, 1905-06; University of Illinois, 1923-24; Yale, 1931-32; CHEMISTRY (Duke University).
- WILSON, ROBERT RENBERT; A.B., Austin College; A.M., Princeton; Ph.D., Harvard; POLITICAL SCIENCE (Duke University).
- WOOD, WILLIAM WOODHULL; A.B., C.E., University of Virginia; ENGINEERING (Davidson College).
- WOODY, ROBERT HILLIARD; Ph.B., Emory University; A.M., Ph.D., Duke; HISTORY (Duke University).
- ZENER, KARL EDWARD; Ph.B., University of Chicago; A.M., Ph.D., Harvard; National Research Fellow in Psychology, University of Berlin, 1926-27; PSYCHOLOGY (Duke University).
- AMORE, SALVATORE THOMAS; A.B., Brooklyn College; A.M., Duke; Duke, 1941-42; ASSISTANT IN CHEMISTRY (Duke University).
- BAUMGARTEN, ERWIN; B.S., California Institute of Technology; A.M., University of California at Los Angeles; ASSISTANT IN CHEMISTRY (Duke University).
- CHAMBERS, ROBERT LEE; B.S., University of Illinois; DIRECTOR OF RECREATION PROGRAM (Duke University).

- EPSTEIN, HERMAN THEODORE; A.B., University of Michigan; Duke, 1941-42; ASSISTANT IN PHYSICS (Duke University).
- FREISER, HENRY; B.S., College of the City of New York; Duke, 1941-42; ASSISTANT IN CHEMISTRY (Duke University).
- KNIGHT, WALTER DAVID, JR.; A.B., Middlebury College; Duke, 1941-42; ASSISTANT IN PHYSICS (Duke University).
- LINSCHITZ, HENRY; B.S., College of the City of New York; Duke, 1940-42; ASSISTANT IN CHEMISTRY (Duke University).
- MASON, MARY LOCHER; Diploma, Maryland Institute; Diploma in Fine Arts, Teachers College, Columbia; DRAWING (Durham City Schools).
- PERSONS, WALTER S.; SWIMMING (Duke University).
- SMITH, EDWIN STUDLEY; B.S., Furman University; Duke, 1940-42; ASSISTANT IN CHEMISTRY (Duke University).
- SOODAK, HARRY; B.S., College of the City of New York; A.M., Columbia; Duke, 1941-42; ASSISTANT IN PHYSICS (Duke University).
- STALLCUP, MARY JANE; A.B. in L.S., Emory University; B.S., Duke; Duke, 1941-42; ASSISTANT IN PHYSICS (Duke University).
- TARRANT, PAUL; B.S., Howard College; M.S., Purdue; Duke, 1941-42; ASSISTANT IN CHEMISTRY (Duke University).
- TOMPSON, READE YATES; B.S., Brown University; Duke, 1940-42; ASSISTANT IN CHEMISTRY (Duke University).
- WEITH, ARCHIE JAMES, JR.; A.B., A.M., Duke; Duke, 1941-42; ASSISTANT IN CHEMISTRY (Duke University).

DUKE UNIVERSITY SUMMER SESSION

In 1941 there was a total of 2,651 registrations in the Duke University Summer Session. Of these registrations, 1,567 students were enrolled in the first term of the Duke University Summer Session, and 785 the second term; 29 were enrolled in the Junaluska School of Religion at Lake Junaluska; 169 were enrolled in the Medical School and School of Nursing; and 72 were enrolled in the Chemistry of Explosives. There were 879 graduate students the first term and 478 the second, admitted on the basis of Bachelor's degrees from 261 different colleges and universities. The total enrollment for the summer was drawn from thirty-seven states, as well as the District of Columbia, Puerto Rico, Canada, China, Central America, Mexico, Cuba, and Panama Canal. The largest enrollments were from North Carolina, Pennsylvania, West Virginia, South Carolina, Florida, Virginia, Georgia, Ohio, New Jersey, New York, Tennessee, Mississippi, Maryland, Kentucky, and Alabama in the order named. Public school teachers from thirty-two states were included in the total.

COURSES FOR HIGH-SCHOOL GRADUATES DESIRING TO ENTER COLLEGE IN THE SUMMER OF 1942, AND FOR OTHER STUDENTS ANXIOUS TO ACCELERATE THEIR UNDERGRADUATE WORK BEFORE BEING CALLED TO MILITARY SERVICE

The University realizes that during the national emergency many students desire to use their summers to train themselves the best they can before being called into the military, naval, or other services of the nation. In the South, where many excellent secondary schools base their courses upon an eleven-year program of elementary and secondary education, large numbers of students graduate from high school at seventeen years of age. By applying their summers to college work, these students could graduate within three years without difficulty; in other words, they could enter the service of the nation having completed their A.B. or B.S. degrees before they reach the conscription age of twenty years. The Southern Association of Colleges and Secondary Schools, of which Duke University has been a member since its organization in 1895, in February of this year adopted through its executive committee and the Commission on Institutions of Higher Education, resolutions requesting member-institutions to do what they could in accelerating the program of students by means of summer work. Furthermore, institutions maintaining summer sessions were urged to adjust their programs to meet the needs of students from institutions that do not maintain summer sessions. The courses outlined for the University Summer Session of 1942 are particularly planned to meet the needs of the undergraduates trying to

accelerate their programs. It will be observed that the elementary courses most commonly required by colleges for the A.B. and B.S. degrees, such as English, foreign language, mathematics, elementary sciences, and history are offered in addition to Junior and Senior electives in many departments. Students from other colleges should advise with their deans and obtain approval of courses that fit into their program for transfer of credit back to their institutions. The University supplies an appropriate blank on which to obtain this approval, so that the student who wishes to transfer his credit does not have to submit his entire transcript in order to enroll. Of course, any students who wish to transfer to Duke University cannot use this blank, but must transfer all their credits and have their courses approved by the proper dean here.

By reference to the various departments offering work, it will be seen that courses are offered to meet the needs not only of entering Freshmen, but also of rising Sophomores, rising Juniors, and rising Seniors. It is possible for a rising Senior who lacks only thirty semester hours of graduation to enter the Summer Session and complete graduation before February 1 next year, provided he has sufficiently high average upon his work to date to be permitted to take as many as eighteen semester hours the fall semester.

COURSES FOR ENTERING FRESHMEN: COLLEGE OF ENGINEERING AND TRINITY COLLEGE

Freshmen, that is, graduates of standard high schools who have had no college work, may enter classes in science June 2, or in other subjects June 10, and complete more than a third of a year's work during the summer. Freshmen desiring to enter the College of Engineering should enter June 10 and complete Engineering Drawing, two semester hours, and Engineering Mathematics, 10 semester hours, within the twelve-weeks period. Engineering students who cannot enter June 10, should enter July 21 and complete the required Freshman English.

Freshmen desiring to enter Trinity College are expected to take the required Freshman English, 6 semester hours, either the first term beginning June 10 or the second term beginning July 21. This is a basic course, the completion of which in the summer will prove highly valuable to the student in the greater part of his work next year. Freshmen particularly interested in science, such as pre-medical students, if they could enter as early as June 2, have opportunity to enroll in first-year college chemistry or first-year college physics. If they cannot enter as early as June 2, they may enter June 10 and enroll in mathematics, to complete first-year mathematics the first six weeks and their Freshman English the last term of the Summer Session. A pre-medical student who cannot enter before June 10, but can enter at that date, may, if he prefers, take English the first term of the Summer Session and obtain special approval to enter pre-medical physics the second term. He cannot obtain this approval unless his record in high school shows superior work in science and his work the first term of the Summer Session is also superior.

Incidentally, it should be pointed out, however, that if a student is particularly interested in Spanish, the "School of Spanish Studies" will offer unusual opportunity for him to obtain either first-year Spanish, or more advanced Spanish the first term of the Summer Session.

If an entering Freshman cannot begin work until July 21, it is still possible for him to graduate within three calendar years by using later summers as fully as he can.

SUMMER WORK IN THE VARIOUS SCHOOLS AND COLLEGES OF THE UNIVERSITY

The general information in this bulletin concerns prospective students interested in the summer terms of Trinity College, the Woman's College, the College of Engineering, the Graduate School of Arts and Sciences, the Divinity School, the School of Forestry, the Department of Education, and the special "School of Spanish Studies," inaugurated as a feature of the Summer Session this year. Special announcements are made for the Schools of Law, Medicine, and Nursing in the paragraphs immediately following.

THE SCHOOL OF LAW

The School of Law of the University during the national emergency has planned a summer semester in order to expedite as much as possible the work of students likely to be called into the service of the nation. Although it is the policy of the Law School to encourage college graduation before entrance upon legal studies and to require completion of three years of college work, students who have superior grades and only two years of college work will during the national emergency be admitted. The purpose of this program is to offer opportunity to students to become adjusted to their law study and to proceed with it as far as possible before entering military service, so that the time spent in the service will not unduly delay their entrance into post-war professional life. For students not eligible for military service, the program affords opportunity to accelerate their professional training during a period when there is special need for well-trained persons both men and women in private offices and government service.

The summer semester of the Law School will begin June 2 and will end September 12. Beginning students may enroll for the semester June 2. The course will be so arranged that all subjects will be completed in the semester in which they are offered. Complete courses for first-, second-, and third-year students will be offered. For information as to details, address the Dean of the School of Law, Duke University.

THE SCHOOL OF MEDICINE

The first-year class of the Duke University School of Medicine will be admitted July 6, 1942. It is planned to admit subsequent first-year classes every nine months; that is, in April, 1943; in February, 1944; in October, 1944; and so on. The Schools of Medicine and Nursing are

on the quarter system. All students will take the twelve required quarters of the medical course consecutively and should receive their certificates at the end of three calendar years. For detailed information, address the Dean of the Medical School, Duke University.

THE SCHOOL OF NURSING

The School of Nursing will receive a beginning class July 6. For information, address the Dean of the School of Nursing, Duke University.

FLEXIBILITY OF CALENDAR

Except for the three schools listed above, it will be observed that the Summer Session of the University offers the students considerable flexibility as to the time of registration and the length of residence obtainable. For example, although almost all first-term classes will begin Wednesday, June 10, it is possible for students who register in advance to enter classes as late as Tuesday morning, June 16, since each student is allowed four permissible absences. A student, however, cannot obtain full credit for the term's work with more than four absences. Furthermore, since many graduate students find it exceedingly hard to complete twelve weeks' work in one summer term, students are permitted to register for only eleven weeks and take advantage of early examinations closing August 24. This means that the student who enters the first term of the Summer Session and continues for five weeks of the last term, completes a full "summer quarter," or exactly one third of the year now required for a Master's degree. Finally, students who wish to complete nine weeks of work instead of six or twelve may do so by planning their courses for the first term so as to find a related course offered the first three weeks of the second term, or by entering a course July 1 that is completed within the last three weeks of the first term and closely related to some course continuing through the second term. There are certain courses offered for three weeks in the Departments of English and Education that permit this arrangement, and it is possible in most departments to enter a research seminar for as much as three weeks' additional work.

CERTAIN CLASSES BEGINNING BEFORE REGISTRATION DATE

Since the 1941-42 session of the University closes May 29, there is a demand on the part of Duke undergraduate students for certain classes to be given to begin Tuesday, June 2. These classes that begin before registration are not marked either "I" (first term, beginning June 10), or "II" (second term, beginning July 21), but have the date specifically given in the course description. Although these courses are offered for the convenience of Duke undergraduates, they are open for enrollment to students from other colleges whose calendar permits them to enter on or before eight o'clock the morning of Saturday, June 6.* Among these

* Engineering S60-S110 is still more irregular in that it is due to begin May 25 and is not open for enrollment to students who cannot be here the first day. The same rule applies to other courses that run for less than six weeks.

courses are Chemistry S1-S2, S63-S74, S155-S156, Geology S51-S52, Physics S1-S2.

ADMISSION

Applicants for admission must have completed a high-school course. As evidence of this, a teacher's certificate of grade as high as North Carolina elementary will be accepted from teachers with two or more years of experience. Certificates and other credentials must be submitted to the Committee on the Summer Session by the time of registration. Each student who wishes to enroll for graduate credit should request the proper officer of the university or college he attended to send directly to the Dean of the Graduate School an official transcript of his undergraduate record and of any graduate credits he may have. This transcript should be furnished by May 26 for enrollment in the first summer term and by July 1 for enrollment in the second summer term. An application blank for admission to graduate courses is available upon request for those who contemplate study toward an advanced degree. Undergraduate students should apply to the Director of the Summer Session for a special blank to be signed by the dean of the college to which they desire their credits sent, certifying approval of the courses for which application is made. The Summer Session reserves the right to reject any application or to cancel any registration without assignment of reason.

CREDITS AND PLAN OF WORK

Instead of the traditional one-hour courses for six weeks that compel the student to divide his time among three separate classes, the work of the Summer Session is divided into units of three semester hours, each class meeting for eighty-five minutes daily, five days per week for a period of six weeks. No student is permitted to obtain credit for more than two such courses, and no instructor teaches more than two. This means that instructor and student alike are limited to two preparations daily instead of three. The Summer Session also encourages students to take both their courses in one department. Undergraduates particularly are encouraged to take complete units of work within six weeks—that is, six semester hours of Freshman English, or of second-year Spanish, or of United States History, or of First-Year Accounting, etc. Elementary science courses are so organized that by taking a heavy laboratory schedule, students may obtain credit for eight semester hours within seven weeks. There is no exception to the rule that the University allows no credit for six weeks beyond six semester hours.

Professional credits towards teachers' certificates are granted by the various state boards of education, each in accordance with its own carefully planned rules. Teachers should consult the rules laid down by their State Board of Education before enrolling for certification credit. Any student, however, whose work is of such quality as to deny him credit toward a degree, fails to receive "professional" credit.

College credits are offered as follows: A course meeting one hour daily for six weeks counts for two semester hours of credit, and a course

meeting eighty-five minutes daily for six weeks counts for three semester hours of credit. The University will not accept credit beyond six semester hours earned in one term toward the Bachelor's degree. Graduate students are not under any circumstances permitted to enroll for more than six semester hours in a summer term of six weeks. They forfeit graduate credit by undertaking more than six semester hours of work, even though part of the work may carry undergraduate credit only.

The nature of the credit allowed for each course is indicated by the number of the course. Courses numbered 1-49 are primarily for Freshmen, or Freshmen and Sophomores; courses numbered 50-99 are ordinarily for Sophomores, or Sophomores and Juniors; courses numbered 100-199 are for Juniors and Seniors; courses numbered from 200-299 are for Seniors and graduates; and courses numbered from 300 up are for graduate students only and are of very limited enrollment. Courses numbered from 200 up are usually limited in enrollment to approximately twenty-five students, and during the summer consist almost exclusively of graduate students. Graduate seminars are limited to fifteen students or fewer.

EXAMINATIONS

The last two days of each term of six weeks are devoted to examinations. The University has no provision for giving examinations *in absentia*, but students absent from examination for valid reason are permitted a liberal extension of time in which to return to the University for completion of credit.

The early opening of schools in which many summer session students happen to teach, sometimes necessitates the return home of students before the end of the second term. The provision made for such students is as follows: Any student whose record is superior in a given course may with the consent of his instructor and the approval of the Director of the Summer Session obtain a special examination not earlier than the fifth day before the regularly scheduled examination. If he takes such examination, the total credit in each course is reduced by one sixth; in other words, the student is interpreted as having completed five weeks of work, and his maximum allowable credit, therefore, is five semester hours.

GRADUATE DEGREES

Detailed information regarding the requirements for graduate degrees may be obtained from the Bulletin of the Summer Session.

THESIS WRITING IN SUMMER SESSION

Since Duke University grants no Master of Arts degree except upon completion of a satisfactory thesis, every candidate for that degree who expects to complete his work in the Summer Session should as soon as possible after completing his first term of residence choose a field in which he desires to write a thesis and confer with some instructor offer-

ing graduate courses in that field. The following points should be kept clearly in mind when arrangements are made for thesis supervision:

1. The subject of the thesis must be approved by the instructor who undertakes the supervision. The instructor's decision as to whether the topic is suitable, or the student is prepared to develop it, or the instructor prepared to supervise it, is final.

2. A student may enroll for six semester hours of residence credit towards a thesis or for less, in one term of six weeks. If he enrolls for only three semester hours he may enroll also for a course of three semester hours, but he cannot enroll for a total of more than six semester hours of credit, including residence toward his thesis. Completion of six semester hours of residence toward his thesis does not guarantee the satisfactory completion of the thesis, which must be acceptable to the instructor supervising it and to a committee representing the Council on Graduate Instruction. Students who do not complete their theses the first term they register for supervision have the privilege of registering a second term upon payment of regular dues, but are not required to do so. Since the numbers permitted to enroll in thesis seminars are strictly limited, such students are not permitted to register for a third term of supervision.

3. A student may either enroll in a specifically designated "thesis" course or, if his preparation meets the approval of the instructor in charge, attach himself to some regularly offered course in his field of study and report periodically to the instructor offering the course.

A student enrolling for thesis residence credit in regular course pays the same fees as other students during the summer of residence. At the time of graduation he pays the same diploma and commencement fees as other students and a thesis supervision fee of \$25.00.*

5. Students enrolling for thesis supervision during the Summer Session are expected to complete their theses largely during the summer of enrollment or some subsequent summer term. The instructor with whom they enroll is not under obligation to give active supervision during the academic year, although instructors are willing to give a reasonable amount of attention to theses practically completed. Similarly, instructors in Duke University who are not teaching in the Summer Session are not expected to undertake the supervision of theses written by summer school students.

6. Students of the academic year who do not complete theses begun prior to the Summer Session are not accepted for summer session enrollment unless their subjects are in the field of some thesis seminar or other course offered by an instructor who recommends that such students be assigned to his supervision during the summer. Instructors who are employed for full time by the Summer Session are specifically requested not to carry over into the summer thesis students whose subjects are not properly a part of work such instructors are offering in the Summer Session.

FEES

Teachers in active full-time service in schools and colleges are exempt from tuition fees for as many as four terms of six weeks in a period of six years. After their fourth term they pay regular tuition charges. All other students are charged a tuition fee of \$8.00 for each college-credit hour, or \$4.00 for each semester hour, maximum tuition being \$24.00 for six weeks, or \$30.00 for courses running seven weeks. All students, teachers included, pay a registration fee of \$19.00 per term. Students in the sciences pay the laboratory fees required in regular term, and students completing degrees pay the regular commencement charges

* Students completing the M.Ed. degree by examination pay examination fee of \$25.00, in lieu of the thesis supervision fee.

at the time of receiving their degrees, besides the thesis supervision of M.Ed. examination fee of \$25.00 required of persons completing Master's degrees.

Major expenses are estimated as follows for each term:

Registration	\$19.00
Room-rent and board	47.50*
Recreation ticket	1.00
	<hr/>
Total major expenses to teachers	\$67.50
Tuition required of other students	24.00

In the men's dormitories, as has been stated, the charge for rooms is one dollar less, making the total major expenses for occupants \$66.50. To these totals should be added about \$7.00 for books, probably \$3.00 for miscellaneous expenditures, and laboratory fees for any science course the student may elect.

DUKE UNIVERSITY MARINE LABORATORY

During the summer of 1942, Duke University will for the fifth year offer courses in biology and opportunities for research at its Marine Laboratory on Piver's Island at Beaufort, North Carolina. Seven buildings are now available: dining hall, boathouse, laboratory, residence, and three dormitories. In 1902 the United States Bureau of Fisheries established a biological station on Piver's Island because "Beaufort, N. C., was found to be a place especially well suited for the study of marine fauna and flora." Since then the biota has become well known through work to which many famous biologists have contributed. Piver's Island is only 150 yards from the mainland and the historic town of Beaufort.

COURSES

No elementary work will be offered at the laboratory. Courses are intended for undergraduates or graduates who have had at least two years of training in biology. Different types of courses are given in succeeding years so that students who return will have some variety. Candidates for higher degrees must of course conform to regulations as stated in the *Graduate School Bulletin* of the University.

"SCHOOL OF SPANISH STUDIES"

Because of the increased interest in Spanish studies throughout the nation and the great expansion of Spanish and Spanish enrollments in the colleges and high schools of this region, the Summer Session of 1942 will offer an unusual grouping of courses in Spanish the first term of the Summer Session, extending from elementary work through second- and third-year Spanish to graduate work and advanced seminars. It is planned to supplement the courses with liberal opportunity for speaking the language, hearing lectures in Spanish, and conducting discussions and evening programs in the language. It is planned also to have Spanish-speaking

* Because of special provision made for the "School of Spanish Studies," there is a slight extra charge to students enrolling in that "school."

tables in the University Union and a Spanish section in one of the East Campus dormitories. Both Castilian and Spanish-American culture and literature will be emphasized.

APPOINTMENTS OFFICE

A Teachers' Appointments Office is maintained for the benefit of teachers desiring a change of position. There is no charge for this service.

INSTITUTE FOR TEACHERS OF SECONDARY MATHEMATICS, JUNE 16-26

The Institute for Teachers of Secondary Mathematics will hold its annual summer session from June 16 to 26. There will be an afternoon and evening meeting each day during the Institute.

SIXTH ANNUAL SCHOOL FOR WORKERS IN CHILDREN'S HOMES AND ORPHANAGES, JULY 27-AUGUST 15

In co-operation with the Tri-State Conference of Orphanage Workers, the Summer Session will operate a three-weeks school for the in-service training of teachers and personnel employees in the children's homes and orphanages of Georgia and the Carolinas. Within the past five years one hundred and twenty-five different orphanages have completed one or more units dealing with the mental hygiene of the school child, child welfare, the psychological development of the child, and social pathology. Fifteen workers have received the three-unit diploma. The program for 1942 will consist of a regular ninety-minute period daily in the psychology of learning, a sixty-minute lecture daily followed by open forum discussions on problems connected with child development, social service, and institutional administration, and evening lectures of broad cultural interest.

COURSES OF INSTRUCTION

This is a condensed description of courses. For a full description, see Bulletin of the Summer Session.

EXPLANATIONS AND ABBREVIATIONS

Classes meet daily five times per week for six weeks unless otherwise indicated. Classes that meet for sixty-minute periods are indicated as carrying two semester hours of credit. Classes meeting eighty-five-minute periods daily count for three semester hours except where credits are stated otherwise. Courses are arranged alphabetically by departments. The course numbers are the same numbers used in describing courses in the regular term, with the letter "S" preceding; for example, Chemistry S1 would correspond to Chemistry 1 of the regular term.

N.B.—Different State Departments of Education grant professional credit for various courses in accordance with their own carefully defined rules. Every student should inquire carefully at or before registration as to what professional credit is allowed for each course in his state.

BIOLOGY

See courses listed under Botany and Zoology.

BOTANY

S216. Preparation of Botanical Materials.—3 s.h. MISS ADDOMS

S235-S236. Field Botany.—Prerequisite: one year of botany or equivalent.
6 s.h. MR. ANDERSON

S359. Research in Botany.—*Credit to be arranged.* STAFF

The following courses are planned at the Marine Laboratory in Beaufort, North Carolina:

S256. Plant Ecology.—6 s.h. MR. OOSTING

S225. Special Problems. MR. OOSTING

S359. Ecology, Taxonomy. MR. OOSTING

CHEMISTRY

S1. General Inorganic Chemistry.—4 s.h.
MR. R. N. WILSON AND MR. AMORE

S2. General Inorganic Chemistry.—Prerequisite: Chemistry S1. 4 s.h.
MR. R. N. WILSON AND MR. BAUMGARTEN

S63. Qualitative Analysis.—3 s.h. MR. HOBBS AND MR. FREISER

S74. Quantitative Analysis.—3 s.h. MR. HILL AND MR. WEITH

S155. Organic Chemistry.—Prerequisites: courses S61 and S70, except by permission of the Instructor. 3 s.h. MR. BRADSHER AND MR. TOMPSON
[Courses S63-S74 are acceptable prerequisites as well as S61-S70.]

S156. Organic Chemistry.—Prerequisite: course S151. 3 s.h.
MISS BROWN AND MR. E. S. SMITH (*first section*)
MISS BROWN AND MR. TARRANT (*second section*)
[S155 is acceptable as prerequisite instead of S151.]

S261. Physical Chemistry.—Prerequisites: Chemistry S70, S151-S152, Physics S1-S2, or equivalent, and Mathematics 7-8 or equivalent. 3 s.h.
MR. SAYLOR AND MR. LINSCHITZ

S262. Physical Chemistry.—3 s.h. MR. SAYLOR AND MR. LINSCHITZ

S276X. Thesis Research.—2 to 10 s.h. MR. BIGELOW AND MR. HOBBS

ECONOMICS

S51. Principles of Economics.—3 s.h. MR. T. S. BERRY

S52. Principles of Economics.—3 s.h. MR. LANDON

S57-S58. Principles of Accounting.—6 s.h. MR. VAN VOORHIS

S115. Economic Geography: Teachers' Course.—3 s.h. MR. LEMERT

S116. Economic Geography and Industrial Organization.—3 s.h.
MR. LEMERT

S171-172. Advanced Accounting.—6 s.h. MR. SHIELDS

S204. Money, Banking, and Credit.—3 s.h. MR. HON

S217. Business Cycles.—3 s.h. MR. SPENGLER

S218. Population Problems and Resources.—3 s.h. MR. SPENGLER

S232. The Economic History of the United States.—3 s.h.
MR. T. S. BERRY

S236. Public Finance.—3 s.h. MR. RATCHFORD

S270. Economics of War.—3 s.h. MR. RATCHFORD (*first term*)
MR. R. S. SMITH (*second term*)

S318X. Seminar in Economics.—3 or 6 s.h. STAFF

EDUCATION

PUBLIC SCHOOL ADMINISTRATION (GRADUATE COURSES)

(Master's candidates in this division elect their minor work in Political Science, Economics, or Sociology. Candidates for the Master of Education under the new plan must take fifteen semester hours of work from the courses specifically listed under this division.)

S203. Principles of School Administration.—Prerequisite: six semester hours of courses in classroom management and educational psychology. 3 s.h.
MR. TANRUTHER

S213. Problems of the Organization and Administration of the Elementary School.—3 s.h. MR. HILLEGAS

S224A. Current Problems in Public Education as Revealed through School Surveys: Elementary School Section.—3 s.h. MR. GAMBLE

S224B. Current Problems in Public Education as Revealed through School Surveys: Secondary School Section.—3 s.h. MR. GAMBLE

S234. Secondary School Organization and Administration.—3 s.h.
MR. J. M. GWYNN (*first term*)
MR. GOLDTHORPE (*second term*)

S323. Public School Finance.—3 s.h. MR. GOLDTHORPE

S333X. Thesis Seminar: Research in School Administration.—3 s.h.
MR. PROCTOR

S343. State and County School Administration.—3 s.h. MR. PROCTOR

S353. Economic and Social Aspects of School Administration.—Prerequisite: six semester hours in school administration. 3 s.h. MR. GOLDTHORPE

S363. City School Organization and Administration.—3 s.h.
MR. GOLDTHORPE

PUBLIC SCHOOL SUPERVISION (GRADUATE COURSES)

(Master's candidates in this division elect their minor work in Psychology or an approved combination with Educational Psychology, or in Sociology. Master of Education candidates are permitted as many as nine semester hours of work in their minor, but take the remaining twelve or fifteen, if minor is only six hours, from courses specifically described or listed under Supervision.)

S209. Statistical Methods in Education.—3 s.h. MR. ODELL

S222. The Curriculum and Materials of the Elementary Grades.—3 s.h.
MR. HILLMAN

S224A. Current Problems in Public Education as Revealed through School Surveys: Elementary Section.—3 s.h. MR. GAMBLE

S224B. Current Problems in Public Education as Revealed through School Surveys: Secondary School Section.—3 s.h. MR. GAMBLE

S232. Elementary School Supervision.—3 s.h. MR. TANRUTHER

S233. Administrative Pupil Accounting.—3 s.h. MR. PROCTOR

S233A. Pupil Personnel Problems in the Elementary School: Guidance.—3 s.h. MISS STRANG

S273. Problems of High-School Supervision.—3 s.h. MR. HIGHSMITH

S287. Problems of Mentally and Educationally Retarded Children.—3 s.h.
MR. WALLIN

S288. Problems of Mental Hygiene and Education.—3 s.h. MR. ADAMS

S293. Problems of the Teaching Personnel.—3 s.h. MR. TANRUTHER

S304. The School as an Institution.—3 s.h. MR. PUNKÉ

S305. The Nature, Function, and Reorganization of the Curriculum.—3 s.h.
MR. CARR

EDUCATIONAL PSYCHOLOGY (GRADUATE COURSES)

(The Master of Education degree is not offered in this division. Master of Arts candidates should choose Psychology for their minor subject. It will be observed that certain of the courses listed under Educational Psychology are also listed under Supervision, Secondary Education, or Elementary Education.)

S208. **Mental Tests and Applications.**—Prerequisite: course S258 or six semester hours of other work in educational psychology or psychology. 3 s.h.
MR. EASLEY

S209. **Statistical Methods in Education.**—3 s.h. MR. ODELL

S212. **Psychology of the Elementary School Subjects.**—3 s.h.
MR. G. W. BOND

S216. **Psychological Principles of Secondary Education.**—3 s.h.
MR. PUNKÉ (*first term*)
MR. G. W. BOND (*second term*)

S218. **Educational Implications of Genetic Psychology.**—Prerequisite: six semester hours of psychology or educational psychology, including Education S217 as offered in preceding summers or S317. 3 s.h. MR. BROWNELL

S227. **Psychology of Learning: Problems.**—3 s.h. MR. EASLEY

S237A. **Investigations in Reading: Primary Section.**—3 s.h.
MISS KENNEDY

S237B. **Investigations in Reading: Grammar Grade Section.**—3 s.h.
MISS KENNEDY

S247. **Investigations in Arithmetic.**—3 s.h. MR. BROWNELL

S247A. **Investigations in Arithmetic: Primary Section.**—3 s.h. MISS JOHN

S247B. **Investigations in Arithmetic: Grammar Grade Section.**—3 s.h.
MISS JOHN

S258. **Educational Measurements.**—3 s.h. MR. ODELL

S287. **Problems of Mentally and Educationally Retarded Children.**—3 s.h.
MR. WALLIN

S288. **Problems of Mental Hygiene and Education.**—3 s.h. MR. ADAMS

S300. **Introduction to Educational Research.**—3 s.h. MR. SCATES

S300X. **Educational Research.**—3 s.h. MR. SCATES

S317. **The Psychological Principles of Education.**—3 s.h. MR. BROWNELL

S347. **Research in Arithmetic.**—3 s.h. MR. BROWNELL

SECONDARY EDUCATION (GRADUATE COURSES)

(Master's candidates in this division should elect minor work in their teaching subject, or in Psychology or Sociology. Master of Education candidates are required to elect their minor work in their teaching subject, and all of their work in Education must come from courses listed in this division).

S205. **Curriculum Problems in Secondary Education.**—3 s.h.
MR. J. M. GWYNN

- S206. Sociological Foundations of Secondary Education.—3 s.h.
MR. P. H. GWYNN
- S215. Educational and Vocational Guidance.—Prerequisite: twelve semester hours in the Department, including course 105 or course 206. 3 s.h.
MR. P. H. GWYNN
- S216. Psychological Principles of Secondary Education.—3 s.h.
MR. PUNKÉ (*first term*)
MR. G. W. BOND (*second term*)
- S226. The Teaching of History and the Social Studies.—3 s.h.
MR. MANCHESTER
- S234. Secondary School Organization and Administration.—3 s.h.
MR. J. M. GWYNN (*first term*)
MR. GOLDTHORPE (*second term*)
- S246. The Teaching of High-School Mathematics.—3 s.h.
MR. W. W. RANKIN
- S273. Problems of High-School Supervision.—3 s.h. MR. HIGSMITH
- S276. The Teaching of High-School Science.—Prerequisite: at least eighteen semester hours of science in college. 3 s.h. MR. SLAY
- S334X. Thesis Seminar in Secondary Education.—3 s.h. MR. CHILDS

ELEMENTARY EDUCATION (GRADUATE COURSES)

(Master's candidates in this division should take their minor work of six semester hours in Psychology, Educational Psychology, or an approved combination of the two, or in Child Welfare and Development—wholly in Sociology, or partly Sociology and Psychology, or Educational Psychology, if a satisfactory combination can be worked out. Master of Education candidates in this division must take fifteen semester hours of work described or listed under Elementary Education).

- S212. Psychology of the Elementary School Subjects.—3 s.h.
MR. G. W. BOND
- S213. Problems of the Organization and Administration of the Elementary School.—3 s.h. MR. HILLEGAS
- S218. Educational Implications of Genetic Psychology.—3 s.h.
MR. BROWNELL
- S222. The Curriculum and Materials of the Elementary Grades.—3 s.h.
MR. HILLMAN
- S232. Elementary School Supervision.—3 s.h. MR. TANRUTHER
- S233A. Pupil Personnel Problems in the Elementary School: Guidance.—3 s.h. MISS STRANG
- S237A. Investigations in Reading: Primary Section.—3 s.h. MISS KENNEDY
- S237B. Investigations in Reading: Grammar Grade Section.—3 s.h. MISS KENNEDY
- S247. Investigations in Arithmetic.—3 s.h. MR. BROWNELL

- S247A. Investigations in Arithmetic: Primary Section.—3 s.h. MISS JOHN
 S247B. Investigations in Arithmetic: Grammar Grade Section.—3 s.h.
 MISS JOHN
- S267. Studies in the Teaching of Elementary School Science.—3 s.h.
 MR. SLAY
- S287. Problems of Mentally and Educationally Retarded Children.—3 s.h.
 MR. WALLIN
- S288. Problems of Mental Hygiene and Education.—3 s.h. MR. ADAMS
- S304. The School as an Institution.—3 s.h. MR. PUNKÉ
- S305. The Nature, Function, and Reorganization of the Curriculum.—3 s.h.
 MR. CARR
- S322. Seminar in Elementary Education.—3 s.h. MR. CARR
- S347. Research in Arithmetic.—3 s.h. MR. BROWNELL

UNDERGRADUATE COURSES

(By permission Seniors may enter graduate courses numbered below 300. Attention is called to the fact that toward the A.B. degree not more than six semester hours of methods courses are allowed to count).

- S8. The Learning Process.—3 s.h. MISS CARPER
- S68. Mental Hygiene of the School Child.—3 s.h. MR. WATSON
- S118. Educational Implications of Genetic Psychology.—3 s.h.
 MR. WATSON
- S142. Children's Literature.—3 s.h. MR. J. M. CARPENTER

PUBLIC SCHOOL ART

- A. Integrated Art in the Public School.—3 s.h. MRS. MASON

HYGIENE AND HEALTH EDUCATION

- S112. Personal and School Hygiene.—3 s.h. MISS GARDNER
- S132A. Materials and Methods in Health Education: Primary Grades.—
 3 s.h. MR. AYCOCK
- S132B. Materials and Methods in Health Education: Grammar Grades.—
 3 s.h. MR. AYCOCK

NOTE AS TO UNDERGRADUATE PHYSICAL EDUCATION

Undergraduate students in Trinity College are required to take six semester hours of physical education, divided into four courses taken one each term during their first two years in college. Among the courses offered to meet the physical education requirements are Swimming S13 (for beginners), and Swimming 63 and 14.5 (for more advanced students). By request, these courses are offered for men the first term this summer on the West Campus, under the direction of Swimming Coach W. S. Persons. Course 13 is scheduled for Period 1, and course 63 for Period 2. Each course carries physical education credit of one and one-half semester hours, is limited to a maximum enrollment of thirty students and involves a special fee of \$5.00. Similarly, arrangements can be made for women on the East Campus the first term of the Summer Session if there is sufficient demand.

ENGINEERING**COURSES FOR ENTERING FRESHMEN**

- G.E. 1. Engineering Drawing.—2 s.h. MR. LEWIS
 Mathematics 9-10. First-Year Engineering Mathematics.—10 s.h.

COURSES FOR SOPHOMORES

- C.E. 60. Plane Surveying.—Prerequisites: drawing and trigonometry.
 3 s.h. MR. W. H. HALL, MR. BIRD, MR. WOOD, AND MR. WILLIAMS
 (This course is required of Civil Engineering students.)

- Mathematics 59. Second-Year Engineering Mathematics.—Prerequisite:
 Mathematics 9-10 or the equivalent. 4 s.h. MR. PATTERSON (*first term*)
 MR. ELLIOTT (*second term*)

- Physics 57. Engineering Physics.—3 s.h. MR. BONNER

- M.E. 55. Steam Engineering.—Prerequisite: Physics 18. 2 s.h.
MR. LEWIS (*first term*)
 MR. CHAPMAN (*second term*)

- G.E. 57. Statics.—Prerequisites: Engineering Drawing 1 and 2, Math-
 ematics 9 and 10. 3 s.h. MR. WILLIAMS (*first term*)
 MR. REED (*second term*)

COURSES FOR JUNIORS

- M.E. 101. Engineering Thermodynamics.—Prerequisites: M.E. 55 and
 Mathematics 60. 3 s.h. MR. WILBUR

- M.E. 102. Engineering Thermodynamics.—3 s.h. MR. WILBUR

- M.E. 103. Heat Power Engineering.—Prerequisites: M.E. 55 and Math-
 ematics 60. 3 s.h. MR. REED

- M.E. 104. Heat Power Engineering.—3 s.h. MR. REED

- M.E. 105. Fluid Mechanics.—Prerequisite: M.E. 54. 3 s.h. MR. CHAPMAN

- G.E. 128. Hydraulics.—Prerequisite: G.E. 57. 3 s.h. MR. CHAPMAN

- G.E. 107. Strength of Materials.—Prerequisite: G.E. 57. 3 s.h.
MR. WILLIAMS

- G.E. 109. Strength of Materials: Laboratory.—1 s.h. MR. WILLIAMS

- C.E. 110. Plane Surveying.—Prerequisite: drawing and trigonometry.
 3 s.h. MR. BIRD

SUGGESTED COURSE

- C.E. 53-54. Engineering Drawing.—9 s.h.

ENGLISH

Master's candidates in English are required to complete at least three semester hours in Chaucer or certain other designated courses. Master's candidates who have completed as many as twelve semester hours of graduate work should take also the bibliography course, S301, at their earliest opportunity.

- S1. English Composition.—3 s.h. MR. HARWELL (*first term*)
 MR. FITZGERALD (*second term*)

- S2. English Composition.—3 s.h. MR. HARWELL (*first term*)
MR. FITZGERALD (*second term*)
- S122. Play Production.—3 s.h. MR. WEST
- S123. Shakespeare.—3 s.h. MR. MITCHELL
- S124. Shakespeare.—3 s.h. MR. MITCHELL
- S125. Early Nineteenth-Century Literature.—3 s.h. MR. PATTON
- S126. Early Nineteenth-Century Literature.—3 s.h. MR. PATTON
- S137. American Literature prior to 1850.—3 s.h. MR. LEARY
- S138. American Literature, 1850-1900.—3 s.h. MR. MIMS
- S139. The Speaking Voice.—3 s.h. MR. WEST
- S163. Folk Background of Literature.—3 s.h. MR. J. M. CARPENTER
- S203. Chaucer.—3 s.h. MR. BAUM
- S216. The English Drama in the Reign of James I.—3 s.h. MR. SPENCER
- S217. Spenser: "The Faerie Queene."—3 s.h. MR. JENKINS
- S218. Milton: "Paradise Lost," "Paradise Regained," and "Samson Agonistes."—3 s.h. MR. GILBERT
- S219. English Literature, 1700-1750.—3 s.h. MR. R. P. BOND
- S221. English Drama, 1660-1780.—3 s.h. MR. WARD
- S229. American Literature, 1800-1870: The New England Writers.—3 s.h.
MR. HORNBERGER
- S230. American Literature, 1800-1870: Middle Atlantic and Southern.—
3 s.h. MR. HUBBELL
- S231A. Special Studies in American Literature: The Rise of National
Literary Consciousness, 1780-1820.—3 s.h. MR. LEARY
- S233. American Literature since 1870: Part I.—3 s.h. MR. BRADLEY
- S234. American Literature since 1870: Part II.—3 s.h. MR. BRADLEY
- S239. Shakespeare's Earlier Plays: Problems.—3 s.h. MR. SPENCER
- S240. Shakespeare's Later Plays: Problems.—3 s.h. MR. SPENCER
- S243. American Local-Color Fiction, 1865-1900.—3 s.h. MR. HORNBERGER
- S301. Bibliography and Methods of Research.—3 s.h. MR. JENKINS
- S307. Seminar in American Literature prior to 1870.—3 s.h. MR. HUBBELL
- S308. Seminar in American Literature since 1870.—3 to 6 s.h. MR. GOHDEN
- S313. Studies in the Romantic Writers of the Early Nineteenth Century.—
3 s.h. MR. WHITE
- S319. Seminar in English Literature, 1700-1780.—3 s.h. MR. R. P. BOND
- S321. Seminar in Dryden.—3 s.h. MR. WARD

- S329. Seminar in Sixteenth- and Seventeenth-Century English Literature.
3 s.h. MR. GILBERT

FORESTRY

Candidates for the Bachelor of Science degree with a major in Forestry are required to take Civil Engineering S110 (Plane Surveying) in the Summer Session at the close of their Junior year. Candidates in Forestry are also expected to take the following courses after completing the required work in Engineering.

- S150. Forest Surveying.—Prerequisite: Civil Engineering S110, Plane Surveying, or equivalent. 5 s.h. MR. MAUGHAN

- S151. Forest Mensuration.—4 s.h. MR. SCHUMACHER

- S261. Forest Soils.—Prerequisites: Chemistry 1 and 2, and Physics 1, or equivalents; physical geology and analytical chemistry are also desirable.
3 s.h. MR. COILE

FRENCH

- S3. French Prose.—Prerequisite: French S1-S2 or two years of high-school French. 3 s.h. MR. DOW

- S4. French Prose.—Prerequisite: French S3. 3 s.h. MR. DOW

- S51. Introduction to French Literature.—Prerequisite: French S3-S4 or equivalent. 3 s.h. MR. BRIDGERS

- S52. Introduction to French Literature.—Prerequisite: French S51. 3 s.h. MR. WALTON

- S207. Nineteenth-Century French Reading.—3 s.h. MR. BRIDGERS

- S208. The French Romantic Movement, 1820-1850.—3 s.h. MR. COWPER

- S243. French Comedy Under the Old Regime.—3 s.h. MR. WALTON

- S315. Seminar in the French Novel.—3 s.h. MR. JORDAN

GEOGRAPHY

See courses listed under Economics.

GEOLOGY

- S51-S52. General Geology.—8 s.h. MR. W. BERRY AND ASSISTANT

- S101-S102. Mineralogy.—8 s.h. MR. W. BERRY AND ASSISTANT

GERMAN

Suggested course: German S3-S4, Intermediate German.

GOVERNMENT

See courses listed under Political Science.

GREEK LITERATURE

(In English Translation)

- S121. Homer.—3 s.h. MR. JERNIGAN

- S122. Greek Literature: The Great Tragedies.—3 s.h. MR. JERNIGAN

HISTORY

For admission to candidacy for a Master's degree in History the student must present a total of eighteen semester hours of prior work in History, of which at least six must be in American History if he plans to take his major work in that field. Before enrolling for thesis supervision, candidates for the Master's degree are required to complete at least three semester hours of seminar work and are strongly urged to enroll for this work in the second term of their attendance in the Summer Session. (See courses numbered 300 or above.)

- S51. Main Currents in the Modern World.—3 s.h. MR. MCCLOY
- S52. Historical Background of the World Today.—3 s.h. MR. ROPP
- S91. Political and Social History of the United States to 1850.—3 s.h.
MR. MCCARRELL
- S92. Political and Social History of the United States since 1850.—3 s.h.
MR. MCCARRELL (*first term*)
MR. MABRY (*second term*)
- S101. Development of Western European Civilization to about A.D. 500.—
3 s.h. MR. MANCHESTER
- 208A. American Social History to 1850.—3 s.h. MR. ROBERT
- S211. The Teaching of History and the Social Studies.—3 s.h.
MR. MANCHESTER
- S212. The Emergence of Modern America, 1865-1900.—3 s.h. MR. HOWE
- S213. Recent History of the United States.—3 s.h.
MR. HOWE (*first term*)
MR. MABRY (*second term*)
- S216. The Foreign Policy and Diplomacy of the United States since 1877.
3 s.h. MR. CLYDE
- S218. Europe since 1914.—3 s.h. MR. CARROLL
- S231. The Hispanic Colonies of the New World.—3 s.h. MR. LANNING
- S237. Social and Intellectual Development of the Old South.—3 s.h.
MR. SYDNOR
- S264. American Colonial History and the Revolution.—3 s.h. MR. WOODY
- S265. The Westward Movement in the United States to 1850.—3 s.h.
MR. DALE
- S268. Social History of Western Europe during the Eighteenth Century.—
3 s.h. MR. MCCLOY
- S270. The History of England from the Accession of the Tudors to Vic-
toria.—3 s.h. MR. HAMILTON
- S273. Sea Power and Modern Navies from Napoleon to Hitler.—3 s.h.
MR. ROPP
- S305. Seminar in the History of England and the British Empire.—3 s.h.
MR. HAMILTON
- S308. Seminar in Social History of the United States.—3 s.h. MR. ROBERT

S315. Seminar in Southern History.—3 s.h. Mr. SYDNOR (*first term*)
Mr. WOODY (*second term*)

S317. Seminar in Modern European History.—3 s.h. Mr. CARROLL

S333. Studies in Hispanic American History and Related Fields.—Pre-requisite: History S231 or S232 and S234. 3 s.h. Mr. LANNING

S343. Seminar in the History of American Foreign Relations and the Far East.—3 s.h. Mr. CLYDE

S365. Seminar in the Westward Movement in the United States.—3 s.h. Mr. DALF

MATHEMATICS

For admission to candidacy for the degree of Master of Arts with major in Mathematics a student must have a minimum of twenty-four semester hours of credit for course work in mathematics or related fields. This course work must be approved by the Department through the Director of Graduate Studies, Professor J. J. Gergen, or his representative. It must include differential and integral calculus and an additional six semester hours of work in mathematical courses of at least junior level.

S1. Introduction to College Algebra.—3 s.h. Mr. DRESSEL

S1A. College Algebra.—4 s.h. STAFF

S2. Trigonometry.—Prerequisite: Mathematics 1 or the equivalent. 3 s.h.
Mr. ELLIOTT (*first term*)
Mr. PATTERSON (*second term*)

S9-S10. First-Year Engineering Mathematics.—10 s.h. STAFF

S50. Analytic Geometry.—3 s.h. Mr. PATTERSON

S59. Second-Year Engineering Mathematics.—4 s.h.
Mr. PATTERSON (*first term*)
Mr. ELLIOTT (*second term*)

S204. Teaching of Mathematics.—Prerequisite: integral calculus. 3 s.h.
Mr. W. W. RANKIN

S207. Fundamental Concepts in Algebra, Analysis, and Geometry.—3 s.h.
Mr. DRESSEL

S231. Differential Equations.—Prerequisite: integral calculus. 3 s.h.
Mr. GERGEN

S235. Modern Algebra.—Prerequisite: integral calculus. 3 s.h.
Mr. CARLITZ

S251. Infinite Series.—Prerequisite: integral calculus. 3 s.h. Mr. GERGEN

S252. Non-Euclidean Geometry.—Prerequisite: integral calculus. 3 s.h.
Mr. ROBERTS

S259. Solid Analytic Geometry.—Prerequisite: integral calculus. 3 s.h.
Mr. CARLITZ

S389X. Thesis Seminar.—*Thesis credit only.*
Mr. CARLITZ, Mr. DRESSEL, AND Mr. GERGEN

S390X. Thesis Seminar.—*Thesis credit only.* Mr. GERGEN AND Mr. ROBERTS

MUSIC

S151. Materials and Methods in Public School Music.—3 s.h.

MR. BRUINSMAN

PHYSICS

For admission to candidacy for a Master's degree with major in Physics, students must have completed a minimum of twelve semester hours of Physics. This course work, together with the work in the field of the proposed minor, must be approved by the Department through the Director of Graduate Studies.

S1-S2. General Physics.—8 s.h.

MR. D. W. CARPENTER, MR. KNIGHT, AND MISS STALLCUP

S18. Engineering Physics.—Prerequisite: S17. 3 s.h.

MR. BONNER

S51-S52. General Physics.—8 s.h.

MR. HATLEY, MR. SOODAK, AND MR. EPSTEIN

S57. Engineering Physics.—3 s.h.

MR. BONNER

S333X. Research Seminar.—2-6 s.h.

MR. CONSTANT, MR. BONNER, AND MR. HEBB

POLITICAL SCIENCE

S61. American Government and Politics.—3 s.h.

MR. SIMPSON

S62. American Government and Politics.—3 s.h.

MR. SIMPSON

S207. American Constitutional Law and Theory.—3 s.h.

MR. R. R. WILSON

S230. American Political Institutions.—3 s.h.

MR. R. S. RANKIN

S252. Spanish-American Constitutionalism.—3 s.h.

MR. GIBSON

S291. Municipal Government.—3 s.h.

MR. R. S. RANKIN

PSYCHOLOGY

S101. Introduction to Psychology: General Principles of Mental Activity and Growth.—3 s.h.

MR. ZENER

RELIGION

S181. The Nature and Early Development of Religion.—3 s.h.

MR. CANNON

S182. Living Religions of the World.—3 s.h.

MR. CANNON

S311. The Life and Teachings of Jesus.—3 s.h.

MR. BRANSCOMB

S312. New Testament Theology.—3 s.h.

MR. BRANSCOMB

S331. The Social Message of the Christian Church.—3 s.h.

MR. PETRY

S334. Mysticism and Devotion in Christian History.—3 s.h.

MR. PETRY

S323. The Christian Conception of the Church.—3 s.h.

MR. OUTLER

S328. Current Theology.—3 s.h.

MR. OUTLER

SOCIOLOGY

S101. General Sociology.—3 s.h.	MR. PORTERFIELD
S112. Introduction to Child Welfare.—3 s.h.	MR. PORTERFIELD
S205. Social Pathology.—3 s.h.	MR. JENSEN
S206. Criminology.—3 s.h.	MR. PORTERFIELD
S212. Child Welfare.—3 s.h.	MR. JENSEN
S217. Race and Culture.—Prerequisite: course 91-92, 101, or 231-232. 3 s.h.	MR. THOMPSON
S219. Urban Sociology.—3 s.h.	MR. THOMPSON
S234. Social Ethics.—3 s.h.	MR. HART
S242. Marriage and the Family.—3 s.h.	MR. HART

SPANISH

S1. Introductory Spanish.—3 s.h.	MR. HASBROUCK (<i>Section 1</i>) MISS RAYMOND (<i>Section 2</i>)
S2. Introductory Spanish.—3 s.h.	MR. HASBROUCK (<i>Section 1</i>) MISS RAYMOND (<i>Section 2</i>)
S3. Intermediate Spanish.—3 s.h.	MR. DAVIS
S4. Intermediate Spanish.—3 s.h.	MR. DAVIS
S65. Introduction to Modern Spanish Literature.—3 s.h.	MR. REID
S66. Introduction to Classical Spanish Literature.—3 s.h.	MR. CASTELLANO
S253. Spanish Phonetics.—3 s.h.	MR. LUNDEBERG
S259. Outline of Spanish-American Culture.—3 s.h.	MR. REID
S260. Materials for Teaching Spanish: Advanced Syntax and Composition. —3 s.h.	MR. CASTELLANO
S356. El Movimiento Modernista en Hispanoamérica.—3 s.h.	MR. GARCÍA-PRADA
S368. La Edad de Oro en la Literatura Española.—3 s.h.	MR. GARCÍA-PRADA
S370. Thesis.—3 s.h.	MR. LUNDEBERG

ZOOLOGY

For admission to candidacy for a Master's degree in Zoology, students should have completed an undergraduate major in Zoology (courses in General Science and Botany are not counted as a part of a Zoology major). This normally amounts to about twenty-four semester hours which should be distributed among the various fields of Zoology, and must include Vertebrate Zoology or Comparative Anatomy, Physiology, and Embryology, passed with creditable grades. A candidate should also have completed at least one year of Chemistry. Work for the degree will require eighteen hours in advanced

courses in Zoology, and six hours in another department for a minor, in addition to a thesis. Before registration for a degree, students should confer with Dr. George T. Hargitt, Director of Graduate Studies for the Department. Students not candidates for a degree may take courses offered, if they have necessary prerequisites; but may not count them toward a degree until an undergraduate major has been completed.

S229. Endocrinology.—3 s.h.	MR. CUNNINGHAM
S251. General Physiology.—6 s.h.	MR. J. W. WILSON
S353. Research.	
(a) Physiology. <i>I</i> .	MR. J. W. WILSON
(b) Embryology and Endocrinology. <i>I, II</i> .	MR. CUNNINGHAM

The following courses will be offered at the Duke Marine Laboratory, Beaufort:*

S203. Marine Ecology.—6 s.h.	MR. PEARSE
S274. Marine Zoology.—6 s.h.	MR. BOOKHOUT
S353. Research.	MR. BOOKHOUT, MR. PEARSE

* First term: June 9-July 20; second term: July 21-August 31.

DUKE UNIVERSITY

DEGREES AND HONORS CONFERRED
(1942)

ROLL OF STUDENTS
(1941-1942)

TRINITY COLLEGE

THE WOMAN'S COLLEGE

THE COLLEGE OF ENGINEERING

THE GRADUATE SCHOOL OF ARTS AND SCIENCES

THE DIVINITY SCHOOL

THE SCHOOL OF LAW

THE SCHOOL OF MEDICINE

THE SCHOOL OF NURSING

THE SCHOOL OF FORESTRY

.

DEGREES AND HONORS CONFERRED (1942)

A. B. DEGREE

Ackerman, Robert Manton	Clark, Word Compton
Adams, Claude Alvis, III	Clarke, Genedick Maxwell
Aufhammer, Robert Deane	Clusman, Mildred Virginia
Baily, Johnson Levering	Colley, John Coolidge
Baker, Frank Warren	Colyer, Mary Ross
Baldwin, Anna Kate	Coma, Marie-Antoinette
Ballard, Jane Elizabeth	Conly, Marie Louise
Bandy, Evelyn Boyer	Connar, Virginia Anne
Barnett, Robert Pray	Cook, Janice Allyn
Barnhill, Rebecca Arrington	Coppedge, James Young
Barrett, Sue	Corpening, Mary Watson
Barringer, Paul Jehu, Jr.	Cosler, Barbara
Baskin, Alma Dean	Cowles, Mary Elizabeth
Bates, Virginia	Cozart, William Charles
Beaulieu, Bernard Basil	Craig, Frances Jane
Bell, Richard Parker, Jr.	Cregg, Donald Joseph
Bell, Sara Elizabeth	Culp, Henry Wilburn, Jr.
Bender, Sarah Joan	Dabney, Sarah Comer
Benz, Loraine Lyle	Daniel, Edwin Jenkins
Bergen, Mildred Marie	Davis, Eloise
Binder, Ruth Margaret	Davis, Marion Hilda
Blanchard, Lawrence Eley, Jr.	Davis, Thomas Jeffrey, Jr.
Blodget, Chester Elliott	Davis, William Whitfield
Bokinsky, George Edward	DeCormis, Betty Belle
Booe, Sarah Anne	DeMarco, Theresa Lucille
Booream, Charles Van Liew	Dennis, Ninette Crawford
Bosca, Orsino Hugo	Deshon, Mary Abbie
Bowman, Donald Allen	DeWitt, John Phillips, Jr.
Braswell, Thomas Edward, Jr.	Dodson, William Warnick, Jr.
Breithaupt, Edna Mary	Dolson, James Frederick
Breth, Eleanor Anne	Dow, Barbara Skinner
Brian, Arthur Walter	Drumm, Corman Stogdell
Brooks, William Armstead, III	Dubs, Elizabeth Jean
Brower, Edwin Neil, Jr.	Dunn, Theodore Charles
Brown, Josephine Camilla	Dwight, John LeVerett
Brown, Werner Curt	Dworsky, Sara Lee
Bruce, Frances Catherine	East, J. George
Bruckner, Jack Lincoln	Eckhoff, Paul Sheppard
Bruzgo, Florence Elizabeth	Edwards, Frances E.
Burlingame, Alvah Waterman, III	Edwards, Mary Jane
Byam, George Alan	Elliott, Mary Virginia
Caddy, James Anthony	Emerson, Laura
Cameron, William Charles	Epperson, Joan Marie
Cantor, Deborah	Falls, Isabelle Rae
Carver, Nancy Agnes	Farley, James Edward, Jr.
Cassels, Louis Welborn	Fischer, Marjorie Jean
Caudill, Carrel Mayo	Fletcher, Thomas Peyton
Chester, Charles Gaines	Forsberg, Margaret Eugenia
Chivers, Frances Elizabeth	Fracher, Louis Hoyt
Clamp, Jesse Carl	Fraser, James Graeme
Clark, Elizabeth Virginia	Gardner, Russell Menese

Gehres, Barbara Ann
 Gerlach, Mildred Amelia
 Gift, Janet Eleanor
 Glisson, Hiram Broadus, Jr.
 Goddard, Doris Lillian
 Goldberg, Harriett Elsa
 Gomer, Charles August, Jr.
 Gould, David Foster, Jr.
 Grant, Charles Allison
 Grimes, William Henry, Jr.
 Gundlach, George Baker
 Haddad, Joseph Lebanon
 Haislip, Anne Elizabeth
 Hall, Elizabeth Ann
 Hall, Jean Marie
 Happ, Lee Morris, Jr.
 Hardin, Helen Kerenhappuch
 Harpster, Katherine
 Harrelson, Rose Cranse, Jr.
 Harris, Jack
 Hatheway, Elizabeth Cordelia
 Haviland, Robert Smith
 Heller, Morton Alvin
 Henderson, Joseph Crawford
 Hobbs, Robert Thomas
 Hodgson, Marjorie Cotton
 Holt, Earl Pendelton, Jr.
 Holton, Samuel Melanchthon
 Hood, Thomas Ruffin
 Horn, Carl, Jr.
 Hough, Elizabeth Whiteman
 Hull, Sue Virginia
 Imler, Robert Lee, Jr.
 Irvin, Charles Warren, Jr.
 Irwin, Warren Robert
 Jackson, Marguerite Elizabeth
 Jarrell, Angela Gertrude Mayer
 Jarrett, Lewis Franklin, Jr.
 Johnson, Allan Linner
 Johnson, Noel
 Jones, Betty Ruth
 Jones, Helen Winifred
 Jones, Sumner Prescott
 Kamerer, Miriam Elizabeth
 Kanter, Hulbert Jay
 Katz, Joseph
 Kauffmann, John Phillip Derr
 Kearney, Vera Jean
 Keeler, Forrestine
 Kemp, Albert York
 Kenion, Alonzo Williams, Jr.
 Kennedy, John Wesley
 Kent, Martha Jane
 Kirsch, Robert Joseph
 Klavan, Morris Solomon
 Kling, Catherine Belle
 Knight, Richard Victor Henry, Jr.
 Koza, Robert Wayne
 Larson, Erwin Andrew
 Lassen, Marion Powers
 Lawrence, Lelia Annette
 Lawson, John Fuller
 Lee, Milton Owen
 Leitner, Carolina
 L'Engle, Mary Champlain
 Leonard, Nancy Curtis
 Lineberry, William Taylor, Jr.
 Ling, Vee Tsung
 Link, Harvey Jay
 Lone, William F., Jr.
 Long, Elizabeth Faye
 Lovell, William Figgatt
 Lum, Hung Wah
 McAdams, Charles Rupert, Jr.
 McCahan, William Glenn, Jr.
 McClelland, Mary Carol
 McClure, Roy Donaldson, Jr.
 McCreary, Jeanne E.
 McCreedy, Doris Ann
 McDonough, Robert Walter
 McKee, Betty Jane
 McMahan, John Alexander
 MacMillan, Grace Louise
 MacWilliams, Anne Louise
 Maddox, Charles Oscar, Jr.
 Maddox, Daniel Wheeler
 Madsen, Richard Laurids
 Maloney, John Gregory
 Marks, Edgar Seymour
 Marshall, Barbara Tharp
 Marshall, Roger Lee
 Maxwell, Edward Wesley, Jr.
 Maxwell, Ellen Virginia
 Maxwell, Silas James
 May, Jacqueline L.
 Mayo, Louis A.
 Meara, Andrew James
 Melko, John Francis, Jr.
 Mellon, Beatrice
 Mellor, Margaret B.
 Melton, Wilburn Pruit, Jr.
 Merrill, Donald Candee
 Mettam, John Wilson
 Mitchell, Maurine
 Moody, James Donaldson
 Mugele, Thomas Bernard
 Mullis, Mary Lee
 Neagle, Sara Jane
 Nebel, Wilma Ruth
 Nobles, Jane Cornelia
 Obenshain, Wiley Shackford, Jr.
 O'Brien, Lucie Stokes
 Ochsenteiter, Edward John
 O'Neil, James William
 O'Rourke, Ann Elisabeth
 Osborne, Sally Roberts
 Page, Marshall Irene
 Parker, Martin Leonard

- Passmore, Virginia Christine
 Paynter, Sybilla Jane
 Peach, Elizabeth Wellford
 Pedersen, Walton Eugene
 Peluso, Mary Elsie
 Perkins, Rex Beach
 Pessar, Dorothy Ethel
 Pettibone, Gerry Earl
 Phillips, Charles Wilbert
 Pierce, Carl Preston
 Pittenger, Tress Ellsworth, Jr.
 Plansoen, Wilma C.
 Platt, Harold Eugene
 Plyler, Helen Davidson
 Powell, Eleanor Sue
 Powell, Evelyn Joyce
 Primel, Paul Edward
 Profenius, Henry Charles
 Puder, Robert Stewart
 Purcell, Eugene George, Jr.
 Pyle, Frances
 Quinn, Margaret Howard
 Ramsey, Catherine Elizabeth
 Read, Bayard Taylor
 Read, Patricia Wickcliffe
 Reisner, Leon, Jr.
 Rich, Elizabeth Anne
 Richmond, Charles Kemper
 Rick, Florence Isabel
 Ritter, John Beatty, Jr.
 Rodgers, Billy Ansley
 Rogers, Russell Anne
 Rohrbach, Clayton John, Jr.
 Ross, Robert Harlan
 Rouse, Robert Kelly
 Rowe, Dorothy Elizabeth
 Ryan, Thornton Atkinson
 San, James Matthew
 Sanderson, Robert Arthur
 Sargent, Edward Albert
 Satterfield, James Ernest
 Schenkemeyer, William Lec
 Schmidt, Audrey-Deane
 Schmidt, Helen Jane
 Schooley, James Robert
 Schureman, Alice Elizabeth
 Scott, Gladys Williams
 Scott, Harley Augustus, Jr.
 Seafeld, Marilyn L.
 Searight, Louise Boswell
 Self, Lura Cowles
 Sellers, Frank Edwin
 Senhauser, William Evans
 Seymour, Virginia Mendolene
 Shackelford, Walter Eugene
 Shaw, Elizabeth Mae
 Shepard, Allen Samuel
 Shubrick, Edmund Templar
 Simpson, Joseph Bradford, Jr.
 Smith, Allan Clifford
 Smith, Betty Jane
 Smith, Frances Bivins
 Smith, Gerald Norton
 Smith, Margaret Shirley
 Smith, Mary Elizabeth
 Smith, William Bulkeley
 Smith, Willis, Jr.
 Smither, Emily Marshall
 Snyder, John Prentiss
 Somerville, Donald Leonard
 Spence, James Harrison
 Spencer, Richard Payne
 Spuhler, Raymond Henderson
 Stedman, William David
 Steel, Charles Leighton, III
 Steininger, Virginia Ann
 Stell, Franklin Howard
 Stephens, Allan Wilbur
 Stewart, Robert DeVerter
 Stivers, Dorothy Jean
 Stoothoff, Marjorie
 Stow, James Henry
 Stroupe, Doris Evelyn
 Stryker, Elizabeth Lucy
 Surlas, Fred Achilles, Jr.
 Swenson, Ralph Martin, Jr.
 Swindell, Mary Moore
 Talton, Wade Turnage
 Taylor, Franklin Walter
 Tenenbaum, Alfred Irwin
 Thacker, Page Virginia
 Thomas, William Milton
 Thompson, Arthur Blair, Jr.
 Thompson, Paul Claytor
 Thomson, Margaret Jane
 Tinsley, Margaret Emma
 Towe, Sara Crawford
 Tucker, Elizabeth Duke
 Tuke, Theodore Robert
 Turner, Laura Bennett
 Underwood, J. Harry
 van Deinse, Hilda Fay
 Vaughan, Emily Jeffress
 Vidal, Eugene Clarke
 Walker, Harriet Eugenia
 Walker, Herbert William
 Walker, James Hunt
 Walter, James Elias
 Warren, George Willis, Jr.
 Waters, Sara Jane
 Weaver, Esther Charlotte
 Webb, Lucille Tawes
 Welch, Grace Woodward
 Whitcomb, Wayne Phillip
 White, Zach Toms
 Whitney, Mary Louise
 Williams, Barbara Jeanne
 Williams, Charles Bray

Williams, Eva Jean	Wilson, Richard Moody
Wills, Virginia Waln	Wilson, Robert Addison
Wilson, Albert Henry	Wolff, Robert Alfred
Wilson, Henry Hall, Jr.	Woolley, John Russell, Jr.
Wilson, Patricia Downs	Wooster, Irma Jean

B.S. DEGREE

Dick, Frederick William	Mitchell, Robert Edward
Dubs, Charles William	Montgomery, Frances Kathryn
Ermilio, Gloria	Shivers, Joseph Clois, Jr.
Greenfield, Robert Edman, Jr.	Tucker, John Wilson
Jolley, Josephine Ruth	Van Middlesworth, Mary Florence
McClure, John Niel, Jr.	Wells, John Gay
McGough, Robert Bennett	Wright, John Edward

In Civil Engineering

Beeson, Donald Richard, Jr.	Griffith, William Richard
Dunn, William Redfield, Jr.	MacLachlan, William Malcolm, Jr.
Fleming, Clifford Neal	Wells, Richard Bulmer, Jr.
Goddard, John Ervin, Jr.	

In Electrical Engineering

Crane, Ernest George, Jr.	Moffett, Howard Rogers
Everett, Robert Rivers	Myers, Richard Tennyson
Foscue, Edward Shipman	Olson, Thomas S.
Luchans, Warren Felps	Sheats, Harold Weldon, Jr.
Martin, James Watkins	

In Mechanical Engineering

Bargeon, Joseph Robert	Korstian, Robert John
Boutwell, Frederick Kent	Larson, Gilbert Arthur
Bradley, Charles Hunter, Jr.	Manchester, Frederic Hoover
Brandon, Daniel Morris	Napier, James Edward, Jr.
Darling, Lawrence Whedon	Neu, Edward Alfred, Jr.
Droge, Arthur John	Phillips, Hugo Reed
Ervin, Fred Reid	Poister, Paul Edwin
Fisher, James Lee, Jr.	Rice, Ralph Estes, Jr.
Galt, John Gillespie	Roper, Arthur D., Jr.
Gongwer, James Cornell	Shea, James Andrew
Hege, Douglas W.	Venable, Paul Carrington
Johnson, Shirley A., Jr.	Walker, Hamilton Torrey, Jr.

In Nursing

Allred, Mary J.	Poindexter, Kathaleen
Bunn, Esper Nan	Poole, Carol
Cowan, Frances Marian	Rutledge, Fannie Elizabeth
Harvin, Harriett Anne	Sheldon, Dorothy Dorroh
Leatherwood, Elizabeth Maye	Slade, Lucy Tabor
Ligon, Martha Broaddus	Smythe, Florrie Garrett
McCorkell, Jean E.	Weintz, Edith Mary
Misenheimer, Mary Rachel	Wirt, Emma Frances
Moore, Louise Harris	Wynne, Julia Wilda
Moore, Mary Alice	

In Medicine

Hege, John Roy, Jr.	Rhodes, Bernard Leonidas, Jr.
Mims, Leon H., Jr.	Rogers, Stanfield

A.M. DEGREE

Bachelor, Horace Lyman	Lundberg, Donald Emil
Barrs, William Kenneth	McCann, Florence Ford
Baxter, Joseph Ray	Metcalf, Margaret Jane Schnabel
Berry, Christine Brooks	Miller, William Long
Canada, Mary Whitfield	Minnich, Lawrence Arthur, Jr.
Cleaveland, Frederic Neill	Moffett, Robert Preyer
Cogswell, Sumter Aldage	Nau, Walter Theodore
Cox, James Stanley	Neupert, Lois Elizabeth
Cuthrell, Mabel Claire	Polk, Alice Morella
Faucette, Olive Cannady	Purser, David Ingram, III
Freiser, Henry	Redman, Robert Brittain
Hahn, Samuel Wilfred	Reynolds, John Bradley
Hardendorff, Victor Hall	Reynolds, Thomas Davies
Herndon, Fred Jackson	Siegel, Paul Shafer
Hughes, Ann Miriam	Sloan, Alice Catherine Gaines
Humm, Harold Judson	Stockdale, Ruth Mary
Jones, Marian Porcher	Stripling, Edna Harriette
Keever, Nancy Catherine	Swendiman, Dorothy Della

M.ED. DEGREE

Chiverton, William Scott	Plantinga, Cornelius A.
Lloyd, Ruth	Powell, James Dewey
McCalley, Charlotte Pattie	

MASTER OF FORESTRY DEGREE

Baldwin, Alan Thorrestrup	Minor, Charles Oscar
Bigger, William Parker	Moberg, Theodore Russell
Hahn, Vernon Walter	Reid, David Gene

B.D. DEGREE

Caldwell, Joseph Edmund	Overton, Ernest Golden
Chadwick, I. Howard	Queen, Vergil Erwin
Culp, William B. A.	Rogers, James Edwin
Freeman, William Lawrence	Scott, LeRoy Alexander
Grisham, Roy Arnold	Shannon, Charles Eugene
Holder, Ray	Simpson, Harold Ross
Lindsey, Jordan Allen, Jr.	Strickland, Thomas Edward
Lyu, Kingsley Kyungsang	Tyte, Wilbur Henry
Meacham, Benjamin Franklin	Vaughan, Robert Akers
Mooney, Robert Cleveland, Jr.	Wilkinson, Howard Charles
Moorman, Julian Pierce, Jr.	

LL.B. DEGREE

Ault, William Reign	Lamberson, Ralph Tiffin
Berkemeyer, Donald Johnston	Lundholm, John Edward
Bolte, Henry Ferdinand	McCall, Samuel Horace, Jr.
Breckenridge, John B.	Nelson, Frederick
Brown, B. Horace	Owens, Herman Franklin, Jr.
Brown, Milton Haynes	Pollack, George B.
Carnahan, A. Vernon	Ralston, Adolph Henry
Donovan, Frank X.	Repko, John St. Francis
Fogle, Charles Dickson	Richardson, C. H., Jr.
Fuller, Donald Whitcomb	Varlan, Nicholas Peter
Fuston, Sam Del	Winger, Maurice
Hambrick, Jackson Reid	

M.D. DEGREE

Baldwin, William Edwin, Jr.	Brownell, Iverson Oakley
Bremer, Albert Henry, Jr.	Bryant, Walter Ellis

Buchwald, Merwin Elliott	Moran, Frank Theodore
Burch, George William	Nesbitt, William Reynolds, Jr.
Butler, Clarence Cooper	O'Neill, Earl Andrew
Clark, John Robert, Jr.	Reid, Charles Hamilton, Jr.
Cutchin, Joseph Henry	Reimer, Frank Newell
Daniel, Roy David	Reinhardt, James Franklin
Dinsmore, William Arthur	Ricketson, Robert Alfred Greer
Edwards, Hartwell Price	Roberts, Luther John, Jr.
Egan, John Robert	Rogers, James Forbes
Fearing, John Mellichamp	Rogers, Max Pritchard
Flower, Arthur Howard, Jr.	Smith, William Crenshaw
Ford, Joseph Armistead, Jr.	Snipes, Richard Dean
Gale, Elmer Thomas	Starke, Helen
Harris, Joe Frank	Stone, John Thomas
Hege, John Roy, Jr.	Stone, William Conrad
Horne, Stephen Francis	Street, John Mather
Johnston, Frank Randolph	Sutherland, George Foster
Kerman, Herbert David	Templeton, Ralph Gordon
Kernodle, Charles Edward, Jr.	Thomas, Andrew Henry
Kernodle, John Robert	Thurston, Harold Bushman
Kincaid, John Franklin, Jr.	Timmons, James McKnight
Ledesma-Diaz, Frank R.	Valk, Henry Lewis
Lentz, Julian Carr, Jr.	Vandegrift, Harvey Noble, Jr.
Little, James William	van Glahn, Harold Diederich
McCulloch, Rudolph Powers	Waller, Louis Charles
McLain, William Campbell, Jr.	Whitt, Walter F., Jr.
McLean, Brita Rosenqvist	Wintrup, Charles Kenneth
McLean, I. William, Jr.	Wortman, Harry Clyde, Jr.
Mees, Theo Howell	Wulfman, William Armond
Moise, Davis DeLeon	

DIPLOMA IN NURSING

Alley, Charlotte Buell	McCullum, Sarah
Allred, Mary J.	McCorkell, Jean E.
Bunn, Esper Nan	Maxwell, LaVohn
Combs, Jeanne	Misenheimer, Mary Rachel
Cook, Clara Berte	Moore, Louise Harris
Cowan, Frances Marian	Moore, Mary Alice
Curtis, Nannie Catherine	Mortimer, Marcella Anne
Ellison, Ethel Merle	Poindexter, Kathaleen
Estes, Belva Jeane	Poole, Carol
Gaines, Dorothy Ann	Rutledge, Fannie Elizabeth
Garris, Evelyn Grace	Sheldon, Dorothy Dorroh
Gum, Margaret	Slade, Lucy Tabor
Harvin, Harriett Anne	Smythe, Florrie Garrett
Jones, Helen Alison	Steigleman, Betty Elaine
Kirkland, Sara Elizabeth	Stone, Edith June
Krebs, Gladys Luella	Weintz, Edith Mary
Leatherwood, Elizabeth Maye	Whipple, Isabelle
Letherman, Alice Ward	Wirt, Emma Frances
Ligon, Martha Broaddus	Wynne, Julia Wilda
Lingle, Dorothy Lee	

PH.D. DEGREE

- Abramovitch, Benjamin, B.Sc., McGill University.
 Dissertation: *Certain Aspects of the Michael, Claisen, and Related Condensations.*
- Aldridge, Alfred Owen, B.S., Indiana University; A.M., University of Georgia.
 Dissertation: *The Sources of Mark Akenside's The Pleasures of Imagination.*

- Allen, Clark Lee, A.B., McKendree College; A.M., Washington University.
Dissertation: *Effects of the Utilization of Synthetic Fibers on the Cotton Textile Industry.*
- Ayres, Erle Bingham, B.S., A.M., Boston University.
Dissertation: *An Investigation of Certain Rearrangements and Elimination Reactions.*
- Bennett, John Boyce, A.B., Wofford College; B.D., Duke University.
Dissertation: *Albert Taylor Bledsoe: Social and Religious Controversialist of the Old South.*
- Brewster, Lawrence Fay, A.B., College of William and Mary; A.M., Columbia University.
Dissertation: *The Summer Migrations and Resorts of South Carolina Low Country Planters.*
- Civin, Paul, A.B., University of Buffalo; A.M., Duke University.
Dissertation: *Two-to-One Mappings of Manifolds.*
- Colloms, Lester Hubert, A.B., Emory and Henry College; B.D., Emory University.
Dissertation: *Wilbur Fisk Tillett: Theologian and Educator.*
- Decker, John Peter, B.S., University of Idaho; A.M., Duke University.
Dissertation: *The Effect of Temperature on Photosynthesis and Respiration in Loblolly and Red Pines.*
- Eicher, Chester Franklin, A.B., B.Sc., Ohio State University; B.D., Meadville Theological School; A.M., University of Chicago.
Dissertation: *The Success of North Carolina High School Students in Four North Carolina Colleges.*
- Flanders, Bertram Holland, A.B., A.M., Emory University.
Dissertation: *Georgia Literary Periodicals to 1865.*
- Gardner, Ralph Ahiga, A.B., A.M., University of Kentucky.
Dissertation: *A Philosophical Examination of Measurement in Physics.*
- George, Theodore Samuel, B.S., Grove City College; A.M., Duke University.
Dissertation: *Concerning the Equilibrium Point of the Green's Function for an n -Dimensional Spherical Annulus.*
- Hall, Maurice Barker, B.S., M.S., Brigham Young University.
Dissertation: *A Study of the Near Ultra-Violet Absorption Spectra of Phenol and 1, 3, 5-Trichlorobenzene.*
- Harcastle, Aaron Bascom, A.B., A.M., University of Richmond.
Dissertation: *The Genus Eimeria, with Special Reference to the Species Parasitic in Marine Fishes.*
- Jemison, George Meredith, B.S., University of Idaho; M.F., Yale University.
Dissertation: *The Effect of Basal Wounding by Forest Fires on the Diameter Growth of Some Southern Appalachian Hardwoods.*
- Jones, Jameson Miller, A.B., Southwestern; B.D., Louisville Presbyterian Theological Seminary.
Dissertation: *The Problem of Faith and Reason in the Thought of John Calvin.*
- Kuehner, Kenneth George, A.B., Allegheny College; A.M., University of Pittsburgh.
Dissertation: *An Experiment in Learning a Foreign Language.*
- McDougall, Kenneth Dougal, Duke University.
Dissertation: *Sessile Invertebrates of Beaufort, North Carolina. A Study of Settlement, Growth and Seasonal Fluctuations Among Pile-Dwelling Organisms.*
- Murdoch, Bernard Constantine, B.S., Appalachian State Teachers College; M.Ed., University of Cincinnati.
Dissertation: *Consistency of Test Responses.*
- Neel, Samuel Register, Jr., A.B., Emory and Henry College.
Dissertation: *The Reaction of Certain Exponents of American Religious Thought to Darwin's Theory of Evolution.*

- Parker, Enid Rifner, A.B., University of Chattanooga; A.B. in L.S., University of North Carolina; A.M., Duke University.
Dissertation: *The Training of Heirs in the Julio-Claudian Family.*
- Poole, Mary Elizabeth, A.B., University of Kentucky; A.M., Duke University.
Dissertation: *Gustave Lanson: Theory and Practice of Literary History.*
- Richards, James Austin, Jr., A.B., Oberlin College.
Dissertation: *The Energy Distribution in Cosmic Ray Showers.*
- Roberg, Jane, B.Sc., University of Washington; A.M., Duke University.
Dissertation: *The Lateral Spread of Cosmic Ray Showers.*
- Roberts, Lucien Emerson, A.B., A.M., University of Georgia.
Dissertation: *The Egyptian Question in European Diplomacy, 1875-1887.*
- Sarett, Herbert Paul, A.B., Brooklyn College; M.S., Cornell University.
Dissertation: *The Metabolism of Nicotinic Acid in Man and Dog.*
- Seigler, Milledge Broadus, A.B., Furman University; A.M., Duke University.
Dissertation: *Milton's Prosody.*
- Skell, Philip Solomon, B.S., College of the City of New York; A.M., Columbia University.
Dissertation: *A. Mechanism of Elimination Reactions Effected by Bases. B. Reactions of Neopentyl Systems with Electrophilic Reagents.*
- Starling, James Hold, A.B., A.M., University of Alabama.
Dissertation: *Ecological and Taxonomic Studies of the Pauropoda of the Duke Forest.*
- Stroupe, Henry Smith, B.S., A.M., Wake Forest College.
Dissertation: *The Religious Press in the South Atlantic States, 1802-1865.*
- Sturm, Albert Lee, Jr., A.B., Hampden-Sydney College; A.M., Duke University.
Dissertation: *Presidential Powers and National Emergency, 1933-1941.*
- Watts, Daniel Thomas, A.B., Elon College.
Dissertation: *Mechanisms of External Respiration in Certain Insects.*
- Wood, Frederic Marcus, Jr., A.B., Western Reserve University; A.M., Duke University.
Dissertation: *Some Imperial Virtues of Domitian.*

HONORS IN GRADUATING CLASSES

Summa Cum Laude

- | | |
|-------------------------|-------------------|
| Everett, Robert Rivers | Waters, Sara Jane |
| Kenion, Alonzo Williams | |

Magna Cum Laude

- | | |
|----------------------------|-----------------------------|
| Barringer, Paul Jehu, Jr. | Montgomery, Frances Kathryn |
| Brandon, Daniel Morris | Ochsenreiter, Edward John |
| Clamp, Jesse Carl | Powell, Eleanor Sue |
| Deal, Carl Hosea, Jr. | Till, Wallace Conrad |
| Holton, Samuel Melanchthon | Smith, William Bulkeley |
| McMahon, John Alexander | Tinsley, Margaret Emma |

HONORS IN DEPARTMENTS AND SCHOOLS

- Chemistry—Frances Kathryn Montgomery, Joseph Clois Shivers, Jr.
- Economics—Lee Morris Happ, Jr., William David Stedman
- English—William Armstead Brooks, III, James Frederick Dolson, Alonzo Williams Kenion, Jr.
- Physics—Charles William Dubs, Robert Wayne Koza
- School of Law—Election to *Order of the Coif*, Honorary Legal Fraternity and to be Graduated with Distinction; Jackson Reid Hambrick, John St. Francis Repko, Maurice Winger
- School of Medicine—Election to *Alpha Omega Alpha*, Honorary Medical Fraternity; Charles Edward Kernodle, Jr., James William Littler, James Franklin Reinhardt, Luther John Roberts, Jr., Max Pritchard Rogers, Helen Starke

DEGREES AWARDED IN SEPTEMBER, 1941

(The following earned degrees since Commencement in 1941; the degrees were awarded in September, 1941.)

A.B. DEGREE

Alderfer, Marjorie Clemens	Kerr, Genevieve
Allen, Faith Elizabeth	Lambdin, Dorothy Ellen
Anderson, Donald F.	Lee, Lizzie Virginia
Atkins, Wade Winston	Lemaster, Hildegard Belle
Betty, L. Tyson	Lengyel, Stephen James
Blackwell, Richard T.	Lentz, Julian Carr, Jr.
Blalock, George Franklin	Long, Robert Fletcher
Brown, Travers G., Jr.	Lyles, George Washington, Jr.
Bynum, Aaron Headen, Jr.	McKenzie, Sara Margaret
Calvin, Reginald Ross	Marsh, James White
Cantine, Robert Livingston	Matthews, Edna Eleanor
Cliff, Benjamin Archibald	Mitchell, Charles Maness
Collins, Trela Dempsey, Jr.	Norwood, Marion Louise
Courtney, Mary Ivey	O'Brian, Audrey Vance
Covington, James Carlwyn	Price, Glenn Frederick
Cowdrick, Thomas William	Shannehan, Donald Vincent
Creider, Elizabeth May	Shipman, Mabel Irene
Cross, Edna King	Smith, Frank Monroe, Jr.
Culp, Amanda Caroline	Smith, Howard Delphin
Dawson, Archibald Nail, Jr.	Stoeckel, John Rowland
de Neumann, Arthur Ferdinand	Strone, Faye Elizabeth
Edwards, Robert Dixon	Sweet, Virginia Lorraine
Evans, Frances Brownley	Tantum, Frank
Fergusson, William Willems	Taylor, Thomas Glenn
Flippen, Gertrude Lee	Till, Wallace Conrad
Hall, Leonora Ellen	Vogel, Robert Floyd
Harmon, Emma Norris	Wallace, Winfield Scott, Jr.
Hart, Errol Lee	Williams, Bailey Needham
Howe, R. Emmet	Willis, Helen Elizabeth
Ilinsky, Charles A.	Willmott, James Ian
Jones, George Tyree	

B.S. DEGREE

Deal, Carl Hosea, Jr.	Woolner, Edward Sigmund, Jr.
-----------------------	------------------------------

A.M. DEGREE

Anderson, St. Claire	Durden, George Douglas
Bailey, Rosalie Vincent	Elder, Frances Ruth
Barbot, Mary Elizabeth	Ellerbe, Isla Ramoth
Barnes, William Speight	Evans, Beverly Daniel, IV
Beeker, Henry Judson	Fruth, Jacob Richard
Bloom, Robert Louis	Gaither, Nenita Theresa
Bondurant, Agnes Meredith	Goodwin, Norvelle Winston
Boone, William Riley Prichard	Greenberg, Irving Melbourne
Brown, Margaret Louise	Griffin, Joseph Earle
Buckwalter, Kathryn Mary	Guinn, Mary Frances
Burton, Anne Seixas MacGlashan	Hill, Martha Frances
Cardwell, Raymond Elbert	Holley, Daniel Lester
Carlson, Lillian Elsie	Holmes, Marjorie Moran
Carpenter, Alta Buane	Houck, Thomas Hamlin
Carruthers, Emily Lee	Hubbard, Thelma
Dedmon, Robert Owens	Hudson, Donald Burnard
Dew, Joanna	Irvin, Ruth McElhaney
Doyle, Meryl Daniel	James, Ruth Olive

Johnson, Oscar Floyd
 Johnston, Nina Louise
 Joiner, Sarah Benton
 Kelly, Philip Thomas, Jr.
 Kessell, Harry Rayburn
 King, John Talbert
 King, Sallie Rebecca
 Kline, Irene Tabitha
 Knape, Arthur John
 Leach, James Michael
 Lipscomb, Arthur McLaurine, Jr.
 Lord, Charles Amon
 Lynn, William Louis, Jr.
 McCrory, Otho Elmer
 McFadyen, Alvan Robbins
 McGee, Charles McKay, Jr.
 McLeod, Samma Helen
 Meserve, Bruce Elwyn
 Michael, Chloe
 Morehead, Mildred Lillian
 O'Neal, Alice Burriss
 Page, Inez Harlee
 Peale, Marjorie Elizabeth
 Pew, Shelba Glenn
 Phipps, William Preston
 Pittman, Frances Elizabeth Harris
 Purcell, Ralph Elliott
 Quarterman, Elsie
 Rea, Katharine
 Robinson, Woodrow Thomas
 Rohrbaugh, Daniel Woodrow
 Rubin, Herbert Bernard
 Ruff, Hazel Shelton
 Sandlin, Hiram Walter
 Sisk, Josephine Courtney
 Snow, Annabel Kelsey
 Sparks, Marye Remelle
 Taylor, Ellis Bruce
 Thompson, Clarence Edward
 Thompson, Ethel Mae
 Trewhitt, Katharine Alice Lowrey
 Villaume, John Charles
 Walsh, Anastasia
 Walsh, Mary Katherine
 Wilcox, Kathryn Johnson

M.ED. DEGREE

Armstrong, Leo Henry
 Barr, Orville Asbury
 Beery, Lena Grace
 Blackburn, Edward Bernard
 Brown, Gilbert Elgar
 Carr, Heyward Alexander
 Carson, Louise Geddings
 Curry, Wayne Burbage, Jr.
 Davis, Mary Eloise
 Dickinson, Vivian June Sansom
 Dotson, Eva Louise
 Dunbar, Alonzo Burdell
 Edwards, Samuel Reese
 Fisher, James Washington
 Funkhouser, Joseph Alfred
 Gamble, Nina Cusick
 Garrett, Denzel Raymond
 Garrett, Harold Ray
 Goldsworthy, James William
 Greene, James Oscar
 Hale, Nancy Adelaide
 Hendry, Harry Frierson, Sr.
 Hildebrand, Abbie Seals
 Hodges, Julius Barney
 Hood, William Clayton
 House, Helen Willis
 Howard, Lottie Ruth
 Johnson, Carl Lennart
 Knoll, Dorothy Bard
 Kochman, Philip
 Lashure, Melvin Murray
 Lewis, Charles Leroy
 McCarley, Mary Francis
 Miller, Cecil Lee
 Milliren, Charles Max
 Morris, Woodrow Wilson
 Ordonez, Ella Jones
 Pafford, Julian Aubrey
 Rankin, Charles Elmer
 Rigg, Ann Evangeline
 Robertson, Eleanor Virginia
 Sassaman, Erie Ansel
 Savery, Rosalie Kincannon
 Simms, Sarah Thelma
 Simonds, Gardner William
 Slusser, Glenn Albert
 Smith, Charles Edgar
 Snuggs, Robert Marvin, Jr.
 Spencer, Alden Alva
 Strom, Samuel Thaddeus
 Stroude, Alice Pauline
 Togneri, Lila C.
 Tyer, Lena Mae
 Umstot, Lena Mabel
 Ware, James Edgar
 Willis, Mary Frances
 Wilson, Frances Louise
 Wright, Audrey Adele

ROLL OF STUDENTS
1941-1942

TRINITY COLLEGE
FRESHMAN CLASS

Abbott, William Robert	Fayetteville, W. Va.
Ahearn, John Richard	White Plains, N. Y.
Ahlers, Thomas Frederick	Flushing, N. Y.
Alexander, Johnny Franklin	Meridian, Miss.
Alger, John Robert	Huntington, N. Y.
Allen, John Edward, Jr.	Cranford, N. J.
Allsopp, Richard Howard	Lakeland, Fla.
Ambrose, Robert Brown	Fayetteville, N. C.
Anderson, John Roland	Plainfield, N. J.
Andrews, Clarence Webster	Durham, N. C.
Arnold, Robert Anthony	Larchmont, N. Y.
Aronoff, David	New York, N. Y.
Arthurs, John Harvie	Mt. Lebanon, Pa.
Ayling, Kingsley Brockway	Fayetteville, N. Y.
Bailey, Thomas Liggett, Jr.	Lake Worth, Fla.
Baird, Wasson	Des Moines, Ia.
Baldwin, John Richard	Oak Park, Ill.
Barkan, Stanley Bernard	Brooklyn, N. Y.
Barrett, Marshall Adrian, Jr.	Glen Ridge, N. J.
Beall, Charles Howard	Wellsburg, W. Va.
Beech, Charles Kingeter	Kingston, Pa.
Bell, Robert Fairfield	Lakewood, O.
Bell, William Seaman	Jersey City, N. J.
Bentley, Walter John	Bement, Ill.
Berkley, Eugene Bertram	Kansas City, Mo.
Bertels, Norman Hurst, Jr.	Englewood, N. J.
Bethune, Edward Preston, Jr.	Charlotte, N. C.
Bettes, Robert Sharpe	Glen Ridge, N. J.
Bittle, Claude Ehresmann	Madisonville, Ky.
Blanchard, Charles Fuller	Raleigh, N. C.
Blondet, Juan H.	Santurce, Puerto Rico
Bodfish, Ralph Elwin	Fullerton, Cal.
Bodle, Robert Allan	Philadelphia, Pa.
Bond, William McCambridge	Washington, D. C.
Borbely, James Andrew	New Brunswick, N. J.
Bosson, Lewis Paulfray	Reading, Mass.
Bowen, Word Beryl	Almond, N. Y.
Bowman, Robert W., Jr.	York, Pa.
Boyer, William Lawrence	Lykens, Pa.
Bradley, Floyd Henry, Jr.	Merchantville, N. J.
Bradley, Walter Dillistin	Merchantville, N. J.
Brand, John Sibley	Camp Beauregard, La.
Branscomb, Ben Vaughan	Durham, N. C.
Breech, William Howard	Birmingham, Mich.
Brewer, Philip Seth	Charlotte, N. C.
Brice, Francis Joseph, Jr.	Waterbury, Conn.
Brinkley, William Lambreth, Jr.	Greensboro, N. C.
Bristow, Elmer Linwood, Jr.	Petersburg, Va.
Brock, Charles Lee	Asheville, N. C.

Brock, Jasper William, Jr.
 Brooks, Allan Arthur, Jr.
 Brorein, William Jacob
 Brown, Charles Edward
 Brown, Walter Henry, Jr.
 Browning, James Robert
 Browning, John Roy
 Buckley, Joseph
 Burdick, Alan Terrill
 Burlew, Robert Wesley
 Callahan, Daniel John
 Cameron, William Roy
 Carey, John Wade
 Carlton, Everette Leroy
 Carpenter, Isaac Monroe
 Carter, Thomas Brian
 Carver, Gordon Malone, Jr.
 Cash, George Osborne
 Cash, Leon Hartsell
 Castle, Edwin Robert
 Chandler, James Ryan
 Chandler, Lester Quinton
 Chapman, John Edward, Jr.
 Chapman, Robert Lee, Jr.
 Cheek, Ernest Calvin
 Chmilowski, Walter
 Chockley, Frederick Wilson
 Christie, Walter
 Cittadino, Benjamin Nicholas
 Clad, Noel Clovis
 Clark, Sherman Dockray
 Clayton, Thomas Stanford, III
 Cleaver, Charles Mason, Jr.
 Collins, David Douglass
 Cone, Larry Bentley
 Connors, Howard Hart
 Cook, Edgar Charles, Jr.
 Copeland, Roy
 Courtney, Thomas Marshall
 Coy, James Richard
 Crane, Richard
 Craver, Burke Hutchins
 Crofton, Juan Frank
 Crosson, James Joseph
 Cunliff, Edward Hanpeter
 Cutter, Ernest, Jr.
 Damren, Jerome Henry
 Danker, Albert Glossner
 D'Annunzio, Francis Cesare
 Davis, Edward Roy
 Davis, James Leonidas
 Davis, John Howard
 Davis, Stuart Goodwin
 Davis, Wesley Smith
 DeButts, William Edward
 DeMoll, Louis Edward, Jr.
 Dennis, David Wood
 DiMona, Joseph Michael
 Ditmansen, Samuel Robert
 Red Springs, N. C.
 Franklin, N. C.
 Tampa, Fla.
 Portsmouth, Va.
 Kannapolis, N. C.
 Windber, Pa.
 Evanston, Ill.
 Oceanside, N. Y.
 Hastings-on-Hudson, N. Y.
 Matawan, N. J.
 West Concord, Mass.
 Indiana, Pa.
 Jacksonville, Fla.
 Erlanger, N. C.
 Durham, N. C.
 Bronxville, N. Y.
 Durham, N. C.
 Erwin, Tenn.
 Winston-Salem, N. C.
 Rome, N. Y.
 Daytona Beach, Fla.
 Salisbury, Md.
 Charlotte, N. C.
 Charlotte, N. C.
 Port Richmond, N. Y.
 Philadelphia, Pa.
 Lakewood, O.
 Bergenfield, N. J.
 Long Branch, N. J.
 New York, N. Y.
 Winter Park, Fla.
 Detroit, Mich.
 Merion, Pa.
 South Seaville, N. J.
 Miami, Fla.
 Newark, N. J.
 Mendota, Ill.
 New York, N. Y.
 Winston-Salem, N. C.
 Lakewood, O.
 Wayne, Pa.
 Lexington, N. C.
 Williamston, N. C.
 New Brunswick, N. J.
 St. Louis, Mo.
 Lexington, Mass.
 Claremont, N. H.
 Scotch Plains, N. J.
 Newark, N. J.
 Scarsdale, N. Y.
 Wilmington, N. C.
 New York, N. Y.
 Olean, N. Y.
 Durham, N. C.
 Oak Park, Ill.
 Waynesboro, Va.
 Bradford, Pa.
 Haddonfield, N. J.
 Hubbard, O.

- Dixon, George Richard
 Dixon, Norman John
 Dodds, Bruce David
 Doig, William Dunsmore
 Dolan, Edwin Arthur, Jr.
 Doty, Fred Owen
 Douglas, William Clyde, Jr.
 Doyle, Everett James
 Dratz, Arthur Fredrick
 Dykes, John Francis
 Easley, Ernest Edmunds, Jr.
 Eckerd, Everett Aaron
 Edwards, William B.
 Emmett, Godfrey Lionel
 Erickson, Edward Manfred, Jr.
 Eubanks, William Thomas
 Fancher, Peter Cruickshank
 Feimster, John Kennedy
 Ferguson, Tom Bruce
 Ferree, Max Fulton
 Fick, David William
 Fish, Harry Gustav, Jr.
 Fisher, William McCoy
 Fogleman, Lindsay Luther
 Forgash, Andrew John
 Frey, John Marshall
 Friedt, Glen H., Jr.
 Friel, William Weyman
 Frye, Benjamin Allen, Jr.
 Fuller, Manly Kearns
 Gable, Kenneth Lowell
 Gantt, Samuel Fox
 Garris, Marcus Alexander
 Gaumnitz, Gordon Arthur
 Gilbert, Arthur Lewis
 Gilbert, Richard Lawrence
 Gillen, H. William
 Gladstone, Walter Emmet, Jr.
 Glaser, A. Fuller
 Goddard, Edward Adolphus
 Goldhill, Walter Allan
 Goodpaster, Espy Chiles
 Goss, Jack Gregory
 Graf, Robert Bernhard
 Graham, Richey Vivian, Jr.
 Gray, Ernest Richardson, Jr.
 Green, Thomas Martin, 3rd
 Greet, Thomas Young
 Guiliano, Jerry James
 Gullede, Marius Bailey
 Gulley, Wilbur Paul, Jr.
 Gwyn, Allen Hatchett
 Hamlet, Roland Leigh, Jr.
 Harris, Guy Leslie, Jr.
 Hartshorne, Hugh Wickersham
 Hawn, Ivan
 Hayes, Thomas Phillip
 Hedin, Dan E.
 Heinz, Edward, II
 South Bend, Ind.
 Youngstown, O.
 Eggertsville, N. Y.
 Packanack Lake, N. J.
 Maplewood, N. J.
 Old Hickory, Tenn.
 Chicago, Ill.
 Corona, L. I., N. Y.
 Lyndbrook, N. Y.
 Chicago, Ill.
 Leaksville, N. C.
 Granite Falls, N. C.
 Mt. Vernon, N. Y.
 New York, N. Y.
 Dunkirk, N. Y.
 Little Rock, Ark.
 Toms River, N. J.
 Allenwood, N. J.
 Tulsa, Okla.
 Winston-Salem, N. C.
 Passaic, N. J.
 Penns Grove, N. J.
 Ellwood City, Pa.
 Durham, N. C.
 Dunellen, N. J.
 St. Louis, Mo.
 Grosse Pointe, Mich.
 Portsmouth, O.
 Sharpsville, Pa.
 Whiteville, N. C.
 Webster Groves, Mo.
 Durham, N. C.
 Wadesboro, N. C.
 Washington, D. C.
 Havre de Grace, Md.
 Birmingham, Mich.
 Glen Rock, N. J.
 Winston-Salem, N. C.
 St. Louis, Mo.
 West Palm Beach, Fla.
 Great Neck, N. Y.
 Owingsville, Ky.
 Aurora, Ill.
 Baltimore City, Md.
 River Forest, Ill.
 Oyster Bay, N. Y.
 Baltimore, Md.
 Greenville, S. C.
 Irvington, N. J.
 Albemarle, N. C.
 Little Rock, Ark.
 Reidsville, N. C.
 Raleigh, N. C.
 Warren, O.
 Hamden, Conn.
 Morristown, Tenn.
 Paterson, N. J.
 Los Angeles, Calif.
 Baltimore, Md.

Hermance, Robert Lincoln
Heth, Donald Gerdes
Hjertberg, Harold Emil
Hoerst, William
Hold, Lucien Alfred, Jr.
Holton, Holland Young
Hopkins, Robert Raymond
Hopkins, William Hermon, Jr.
Hornor, Frank Berkshire
Horsley, Frank McKenzie
Horwitz, Herbert Earl
Houck, William Bryant
Houseworth, Byron Evan
Houston, Benjamin Herriot
Howell, Donald Willard
Huber, Richard Lumley
Hunter, Fillmore Holt, Jr.
Irelan, Frank Meek
Ivey, George Melvin, Jr.
Izlar, Henry LeRoy, Jr.
Jeter, Robert Vernon
Johnson, Charles Webster
Johnson, Daniel Lee
Johnson, Glenn Wilson
Johnston, Robert Malcus, Jr.
Jones, Edward Benjamin
Jones, Marion Garnet
Juniper, Kerrison, Jr.
Kalevas, Harry John
Kartman, Donald E.
Katko, John Alex
Kaufman, Philip William
Kendrick, Charles Lyman, Jr.
Kenierly, John Joseph
Kern, Raymond Franklin
Kister, Robert Irwin
Kramme, Paul Edgar, Jr.
Kretci, Edward John
Lamar, William Russell, Jr.
Lamb, Frank Thompson
Lamb, William Robert
Lambert, M. Charles
Lambeth, William Arnold, Jr.
Lanahan, John Stevenson
Landesberg, Harold Lionel
Larkin, Sydney Anthony
Laver, Arnold Henry
Lebherz, Richard Thomas
Lee, Frank Hackney
Lee, Joe Osborne, Jr.
Leech, Russell Bidwell
Leenaards, Joseph Francis
Leitheiser, William John
Lenox, Richard Frederick
Leonard, Arthur Prudden
Leonhard, John Frederick
Linberg, Eugene Joseph
Lipe, Robert Oscar
Little, John Boger, Jr.
Nashua, N. H.
Crafton, Pa.
Poughkeepsie, N. Y.
Ft. Lauderdale, Fla.
Carmel, N. Y.
Durham, N. C.
New York, N. Y.
Easton, Md.
Clarksburg, W. Va.
Belmont, N. C.
Cleveland Heights, O.
Roanoke, Va.
Wadsworth, O.
Clinton, N. C.
Jacksonville, Fla.
Scranton, Pa.
Kipling, N. C.
Dayton, O.
Charlotte, N. C.
Winston-Salem, N. C.
Raleigh, N. C.
Bethesda, Md.
Grosse Pointe, Mich.
Greensboro, N. C.
Evanston, Ill.
Glenshaw, Pa.
Mt. Airy, N. C.
Ormond, Fla.
Rockingham, N. C.
Baltimore, Md.
Hubbard, O.
Lockport, N. Y.
Grosse Pointe, Mich.
Staten Island, N. Y.
Pottsville, Pa.
Brooklyn, N. Y.
Monroeville, N. J.
La Grange, Ill.
Washington, D. C.
Rochester, N. Y.
Chateaugay, N. Y.
York, Pa.
Asheville, N. C.
Pittsburgh, Pa.
Philadelphia, Pa.
New York, N. Y.
Berwyn, Ill.
Frederick, Md.
Wilson, N. C.
Salisbury, N. C.
Atlanta, Ga.
New York, N. Y.
Belleair, Fla.
Ridgefield Park, N. J.
Miami, Fla.
Haledon, N. J.
Carney's Point, N. J.
Albemarle, N. C.
Albemarle, N. C.

- Livingston, John Edward
 Loftis, Carlton Shuler
 Long, Duncan Talmage
 Luckes, Alex
 Luper, Raymond Elmore
 McArthur, Arthur Lee, III
 McCormack, Thomas Hume
 McCormick, Sam Kendrick
 McCracken, William Woods
 McCuiston, Robert Alexander, Jr.
 Macdonald, Norman Churchill, Jr.
 McIntire, Hubert Elwyn, Jr.
 McKay, Ernest Gary
 McPike, John Logan
 McRae, William Vogel
 MacWhirter, James Evan
 MacWilliam, Edgar Strong
 Manney, Henry Newman, III
 Manning, Robert LaFayette
 Marquez, Jose Manuel
 Marshall, Walter Leddon
 Martin, Edwin, III
 Martin, Robert Walker
 Mathes, John Franklin
 Matia, Thomas Ormond
 Mears, Jack Edward
 Meinecke, Evans Arnold
 Merrill, Stanley
 Merritt, William Duke
 Metzler, Robert James
 Micara, Francis A. E.
 Middleton, Frederick Alexander
 Miller, Loren Valmore
 Mills, Stephen Roy
 Mindlin, Michael, Jr.
 Missbach, Edwin Charles
 Mize, Jack Pitts
 Montgomery, Frank
 Moore, Edwin Gibbons, II
 Moore, Sherwood Edgar
 Morfit, John Campbell, Jr.
 Mundie, Donald Robertson
 Murdey, Herbert Chase
 Myatt, Robert Woodall
 Myers, Ralph Bernard
 Nash, Ralph Lee
 Neal, Robert George
 Nelson, Charles Franklin
 Newhall, Wilbert James, IV
 Newman, Alvin
 Nietman, Robert Frederick
 Nolte, Henry Ralston
 Novey, Ernest Edward, Jr.
 O'Brien, Thomas Joseph
 O'Kane, Calvin Russell
 Osmer, George Edward
 Owen, Herman William
 Owen, John Elias
 Owen, William Vincent Morley
 Rutledge, Pa.
 Durham, N. C.
 Warrenton, N. C.
 Wilkes-Barre, Pa.
 Greensboro, N. C.
 Charlotte, N. C.
 Plainfield, N. J.
 Coral Gables, Fla.
 Henderson, N. C.
 Winston-Salem, N. C.
 Forest Hills, N. Y.
 Ridgewood, N. J.
 Tampa, Fla.
 Monroe, Mich.
 Fayetteville, N. C.
 Charlotte, N. C.
 Vero Beach, Fla.
 Virginia Beach, Va.
 Englewood, Col.
 Naguabo, Puerto Rico
 Glassboro, N. J.
 Wayne, Pa.
 Corning, N. Y.
 Durham, N. C.
 Cleveland, O.
 Gastonia, N. C.
 Ridgewood, N. J.
 Newtonville, Mass.
 Durham, N. C.
 Lincoln Park, Pa.
 Brooklyn, N. Y.
 Penns Grove, N. J.
 Yonkers, N. Y.
 Washington, D. C.
 New York, N. Y.
 Bloomfield, N. J.
 Rutherford, N. J.
 Norfolk, Va.
 Greenville, N. C.
 Daytona Beach, Fla.
 St. Louis, Mo.
 Kenmore, N. Y.
 Essexville, Mich.
 Durham, N. C.
 Canton, O.
 St. Petersburg, Fla.
 Buffalo, N. Y.
 Durham, N. C.
 Hollywood, Fla.
 Danville, Va.
 Hollis, N. Y.
 Richmond Hill, N. Y.
 Torrington, Conn.
 Rochester, N. Y.
 Bexley, O.
 Rockville Centre, N. Y.
 New York, N. Y.
 Durham, N. C.
 Durham, N. C.

Page, Allen Perley, Jr.
 Paget, Anthony Joseph
 Parker, Robert Hallett
 Parry, Robert Joseph
 Peacc, William Watson
 Pegram, Ralph Harley
 Perkins, Gaius Wilcox
 Perry, William Angus
 Pettit, Richard Alden
 Pickup, Donald William
 Pitts, Morris Woodward
 Pitts, Noah Odas, Jr.
 Platt, Alfred Harry
 Poteat, Thomas Lawton
 Powell, John Lynn
 Price, Vernon Gaston, Jr.
 Primm, W. Rogers, Jr.
 Proctor, Jesse Harris, Jr.
 Randall, Robert Lawrence
 Raup, William Wagner
 Reda, Frank Anthony, Jr.
 Rementer, George Wilson
 Rieger, William Fred
 Rittenhouse, Wayne Randall
 Robbins, Jack Guyes
 Robertson, Albert
 Robins, Robert Louis
 Rodgers, Ralph John, Jr.
 Rogers, Allan Scott
 Rosenthal, Marvin Daniel
 Rudd, John Richard
 Ryan, Edward Stone
 Sanborn, Richard Tisdale
 Sands, George Lewis
 Schirmer, Charles Albert
 Schroeder, Paul Adrian
 Schwartz, Michael Lawrence
 Scott, James Allen
 Searle, Ernest McNutt, Jr.
 Seigle, Herbert Leon
 Senter, Jack Everett
 Shane, Robert Blake
 Sherwood, Horace Moore, Jr.
 Shine, Willie Oscar, Jr.
 Short, William Fred, Jr.
 Siebenheller, William Arvid
 Simons, Lawrence Brook
 Sink, Fred O., Jr.
 Skarstrom, John Halstein
 Slotter, Joseph Aloysius
 Smith, Arthur Ambler
 Smith, Edwin Eugene, Jr.
 Smith, Ernest Wendell
 Smith, Herbert Derrick, Jr.
 Smith, Herbert Green, Jr.
 Smith, H. Kenneth
 Smith, James Alexander
 Smith, James Daniel
 Smith, John Holder
 Williamsport, Pa.
 Douglaston, N. Y.
 Rockville Centre, N. Y.
 Buffalo, N. Y.
 Henderson, N. C.
 Winston-Salem, N. C.
 Grand Rapids, Mich.
 Staten Island, N. Y.
 Westfield, N. J.
 Fall River, Mass.
 Cleveland Heights, O.
 Glen Alpine, N. C.
 N. Woodbury, Conn.
 Durham, N. C.
 Liberal, Kan.
 Lexington, N. C.
 Miami, Fla.
 Durham, N. C.
 Rochester, Minn.
 Richmond, Va.
 Clarksburg, W. Va.
 Aldan, Pa.
 Bloomingdale, O.
 Dayton, O.
 Durham, N. C.
 Miami, Fla.
 Harrisburg, Pa.
 Dayton, O.
 Jenkintown, Pa.
 Baltimore, Md.
 Schenectady, N. Y.
 Trenton, N. J.
 East Orange, N. J.
 Wilmington, Del.
 Saginaw, Mich.
 Chicago, Ill.
 Brooklyn, N. Y.
 Bostic, N. C.
 West Newton, Mass.
 McKeesport, Pa.
 Kipling, N. C.
 Medina, O.
 Coral Gables, Fla.
 Pollocksville, N. C.
 Dutch Neck, N. J.
 Westerleigh, N. Y.
 Staten Island, N. Y.
 Lexington, N. C.
 Brooklyn, N. Y.
 Doylestown, Pa.
 Cleveland Heights, O.
 Wollaston, Mass.
 Charlotte, N. C.
 W. Chester, Pa.
 Lenoir, N. C.
 Winston-Salem, N. C.
 Detroit, Mich.
 Rochester, N. Y.
 Tennille, Ga.

- Smith, John Watson, Jr.
 Smith, Stuart Cameron
 Snitger, William Herman, III
 Snyder, Kenneth Warren
 Sowdon, Arthur Whitlock, Jr.
 Spaulding, James Eugene
 Speacht, Eugene George
 Speirs, William Rittenhouse
 Spicer, Lawrence Joseph
 Spurgeon, Charles Randolph
 Stamm, Walter Robert
 Stark, Ralph Chester
 Steinman, Clive Benjamin
 Stephan, Edwin Audley
 Stewart, Henry Watson
 Stewart, Robert Ray
 Storm, Walter Kerr
 Stough, Glenn Kintigh
 Stow, James George Charles
 Stowe, Alfred Rankin
 Strone, Bernard William
 Sutherland, Ellis Garland
 Sutherland, John Wise
 Sutton, David Earl
 Swope, Henry Herbert
 Tabor, Elmer Wallace
 Teabeaut, James Robert, Jr.
 Teague, Charles Spurgeon
 Teasley, Jack Lamkin
 Terry, Howard Chester
 Thompson, David William
 Thompson, Emerson Dowd
 Thompson, Hilton Davis
 Thompson, James Morris
 Thornburg, Willis Herbert
 Thorne, Silas Owens, Jr.
 Thue, Monrad Robert, Jr.
 Tieche, Albert McCulloch
 Tomblen, Don Tracy
 Tracy, Wilbur Voight
 Turner, James Homer
 Turner, Walter Edgar
 Upham, David Lanning
 Vanderlinde, Fredric Daniel
 Van Etten, Richard Copeland
 Van Ness, Herbert Roy, Jr.
 Vining, Seth Macon, Jr.
 Vogel, William Francis
 Vreeland, Robert Gerald
 Wade, Elbert Lee
 Wagner, Harold Winfield
 Waldron, Hodges Van Rensselaer
 Walker, Garth
 Walker, Lewis Patterson, Jr.
 Wallis, William James, II
 Wansker, William Charles
 Warlick, George Andrew, III
 Warlick, Robert Patterson
 Warren, James Gates
 Pinehurst, N. C.
 Westerleigh, N. Y.
 Beaver, Pa.
 Fredericktown, Pa.
 Tarrytown, N. Y.
 Kenmore, N. Y.
 Altoona, Pa.
 South Orange, N. J.
 Atlantic Highland, N. J.
 Uniontown, Pa.
 Westfield, N. J.
 Sandy Point, Me.
 Rockaway Park, N. Y.
 Trenton, N. J.
 Charlotte, N. C.
 Ironton, O.
 Scarsdale, N. Y.
 Irwin, Pa.
 Armonk, N. Y.
 Belmont, N. C.
 Perth Amboy, N. J.
 Galax, Va.
 Galax, Va.
 Goldsboro, N. C.
 Springfield, O.
 Bluefield, W. Va.
 Fayetteville, N. C.
 Buena Vista, Va.
 St. Albans, W. Va.
 Hubbard, O.
 Orlando, Fla.
 Charlotte, N. C.
 Alloway, N. J.
 Hightstown, N. J.
 New Rochelle, N. Y.
 Charlotte, N. C.
 Coral Gables, Fla.
 Beckley, W. Va.
 Westfield, N. J.
 Stratford, Conn.
 Tampa, Fla.
 Glenolden, Pa.
 Mt. Vernon, O.
 Rochester, N. Y.
 Binghamton, N. Y.
 Newark, N. J.
 Tryon, N. C.
 Pine Beach, N. J.
 Easton, Pa.
 Dunn, N. C.
 Huntingdon, Pa.
 Torrington, Conn.
 Charlotte, N. C.
 El Paso, Tex.
 Steubenville, O.
 Macon, Ga.
 Newton, N. C.
 Morrisville, N. C.
 Washington, D. C.

Warren, Max Gerald	Raleigh, N. C.
Waterman, Nathan	Hartford, Conn.
Watkins, Homer, Jr.	Cedartown, Ga.
Watts, Arthur Lee	Huntington, W. Va.
Weber, James Louis	Cumberland, Md.
Wechsler, Harry Leon	McKeesport, Pa.
Weidel, Karl Anthony, III	Trenton, N. J.
Weimer, Charles Robert	Mt. Vernon, N. Y.
Weinberg, Milton, Jr.	Sumter, S. C.
Weir, Harry Mortimer, Jr.	Kingston, Pa.
Welsh, Robert Cooper	Miami, Fla.
Westley, David	Hawthorne, N. Y.
Whatton, Frank William	Sharon, Pa.
Wheeler, Robert Ross	Orlando, Fla.
White, David Craig	Englewood, N. J.
Whitehead, Robert Clifton, Jr.	Bronxville, N. Y.
Whitmarsh, William Herr	Baltimore, Md.
Whitney, Emerson Hal	Miami Beach, Fla.
Wickstrom, James Charles	Western Springs, Ill.
Wiggins, Ford Carroll	Lawrenceville, N. J.
Wilkie, Arthur Richard, Jr.	Manchester, Conn.
Willer, Stanley H.	Cincinnati, O.
Williams, Lewis Daughtrey	Suffolk, Va.
Willson, William Wentworth	Darien, Conn.
Wilson, Lee	Evanston, Ill.
Winberry, Herman Stanford	Mt. Olive, N. C.
Woelfle, Edward Frederick	West Orange, N. J.
Wolf, Aaron Joseph	Baltimore, Md.
Wooten, John Lemuel	Greenville, N. C.
Young, Charles Aldo	Riverside, N. J.
Young, Robert Ulrich	Swannanoa, N. C.
Young, William Clarence	McCrary, Ark.
Zengel, Edward Anthony	Ridgefield, N. J.
Ziegler, Sidney	Brooklyn, N. Y.

SOPHOMORE CLASS

Asterisk indicates that the student does not have full class standing in hours or quality points.

Akers, James Jones	Charlotte, N. C.
Allen, Frank Burt	Maplewood, N. J.
Allen, Lyle McDowell, Jr.	Kirkwood, Mo.
Allen, Robert Lee, Jr.	Miami, Fla.
Allman, Russell Vernon	Detroit, Mich.
Almquist, Henry Gustav	Brooklyn, N. Y.
Ambrose, David Edward	Fayetteville, N. C.
*Ambrose, Samuel Sheridan	Conway, S. C.
Anderson, Robert Harper	Wilson, N. C.
Anderson, Roy Martin	Hempstead, N. Y.
Anderson, Sidney Raymond	Shanghai, China
*Angier, John Cicero	Durham, N. C.
Arnesen, Milton Nass	Tottenville, N. Y.
Austin, Henry James	Wilkinsburg, Pa.
*Baarslag, Anton Frederik	Larchmont, N. Y.
Baker, Richard Herschel	Inverness, Miss.
*Baker, Stuart Gilmore	Haddonfield, N. J.
*Baldwin, Joseph Livingston	Richmond, Va.
*Baradel, Robert Joseph	Brooklyn, N. Y.
Barrett, Walter Edwin	Westfield, N. J.
Barton, Edwin Mouzon	Rome, Ga.

- *Barton, Roger Evans
 Bauer, Arthur David
 Baugh, George Herman, Jr.
 *Baugh, Neale Wesley
 *Baugh, Robert Bull
 ♦ Baumgartner, Edgar Davidson
 *Baxter, Sherman Douglas
 *Beach, Robert Clarkson
 *Beamer, Elbert Ernest
 Bello, Harold Anthony
 Benavides, Jaime Miguel
 *Bennett, Arthur David
 Bernikow, Alfred S.
 Biles, Bedford Horace
 *Bingham, Robert Stuart
 *Bingler, William A.
 Bishop, Richard Calvin
 *Blackwell, Clifford Earl
 Blake, Warren Chandler
 Blalock, John Vernon
 Boardman, William Covert
 *Bocknewch, Charles Lawrence
 Bond, Jean Bernerd
 Boone, Alexander White, Jr.
 Bott, Edward Schlief
 Brandt, Murray Denis
 Brazeau, Paul
 Breneman, Colver Benjamin
 Brenna, Anthony
 *Brennan, Wallace Adolph
 Brenner, Terry Marc
 Brigham, James Remmers
 Brogan, Edwin Bernard
 *Brooks, Charles Milliken
 Brooks, John Coffee
 Broome, Harry Travis
 *Brower, Armstead Jackson, Jr.
 Brown, Robert Harding
 Browning, William Ellwood
 Buchanan, George Cumming
 Buckle, James Robert
 *Bumgardner, E. Gaither
 Byam, Robert Spaulding
 Byrd, John William
 *Byrn, Collins Pitman
 *Cabrera, Sebastian, III
 Campbell, Frank Highsmith
 Canine, William Leland
 *Carroll, Woodrow Wilson
 Carter, Marvin Sutton
 Chapman, Frank Abbott
 Chesley, Kenneth Loveland
 Clay, Calder Benjamin, Jr.
 *Clow, James Hamilton
 Clymer, Ludwick Mosyne
 *Coad, John Fitzwater
 Cobb, Charles
 *Collicott, Lloyd Vincent
 *Colyer, Robert True
 Catauaqua, Pa.
 Brooklyn, N. Y.
 Charlote, N. C.
 Detroit, Mich.
 Decatur, Ala.
 Hillburn, N. Y.
 Latham, N. Y.
 Medina, N. Y.
 Mt. Airy, N. C.
 Ossining, N. Y.
 Laurelton, N. Y.
 South Orange, N. J.
 Woodhaven, N. Y.
 Concord, N. C.
 Albany, N. Y.
 Pittsburgh, Pa.
 St. Petersburg, Fla.
 Rockford, Ill.
 Nutley, N. J.
 Durham, N. C.
 Fair Haven, N. J.
 Knoxville, Pa.
 Durham, N. C.
 Penns Grove, N. J.
 East St. Louis, Ill.
 Brooklyn, N. Y.
 St. Petersburg, Fla.
 Harrisburg, Pa.
 Trenton, N. J.
 Dunkirk, N. Y.
 New Brunswick, N. J.
 Webster Groves, Mo.
 Atlanta, Ga.
 Portland, Me.
 Peters, Fla.
 Washington, N. C.
 Liberty, N. C.
 Charlotte, N. C.
 Daytona Beach, Fla.
 Winchester, Va.
 Binghamton, N. Y.
 Columbia, S. C.
 Lowell, Mass.
 Columbia, S. C.
 Mayfield, Ky.
 Key West, Fla.
 Durham, N. C.
 Kalamazoo, Mich.
 Raleigh, N. C.
 Johnson City, Tenn.
 Glens Falls, N. Y.
 Newton Highlands, Mass.
 Macon, Ga.
 Coshocton, O.
 Greensboro, N. C.
 New Brunswick, N. J.
 Whitehaven, Tenn.
 Harrisburg, Pa.
 Elveron, N. J.

- Coman, James Hilary, Jr.
 Connolly, Robert Allen
 Cook, Richard Jack
 *Corrington, James Edward
 Cottle, Ralph Ingersoll
 Coutant, Everett
 *Culbreth, James Harold
 *Curtin, Walter Raymond
 Dalton, Craig Gates
 Dalton, James Gossett
 *Darden, Tom Milton
 *Davis, Charlie Marion
 Davis, Frank Willard, Jr.
 *Davis, George Thomas
 *Dawson, Robert William
 DeReamer, John Wesley
 Dudley, Theodore Reinhold
 *Durgin, Delmer Dennis
 *Dye, John Farnham
 *Edsall, Arthur Russell
 Edwards, John Paul
 Erbe, Arthur Clayton
 Erickson, Gail Lotz
 Ericson, William Hooper
 Everson, Leonard Charles
 Farley, Albert Walter
 Faulkner, Richard Fulton
 Fawcett, Blake
 Felgar, Thomas Oglesby
 Ferraiolo, Frank Charles
 Finch, Donald Curtiss
 Fisher, James Arthur
 Fiske, Robert Hartwell
 Fletcher, Dick E.
 Fletcher, Harold Thompson
 Fletcher, Thomas Gibson
 Flynn, Charles Leneen
 *Fox, Donald Franklin
 Gantt, Robert Melvin
 Gardner, Arthur Parcel
 *Garrett, Frank
 Garrett, Robert Roth
 Gates, William Briggs
 *Geary, Joseph Henry
 Gerber, Gordon Wayne
 Gibson, Herbert Martin
 *Giddes, Robert Holt
 Gilchrist, Howard Tawney
 *Godwin, Edward Redding
 Goldthorp, William Runyon
 Gorsuch, Murray Smith
 Gould, Arthur Samuel
 Greene, James Harrison
 *Griffith, Brantley Boyd
 *Griffith, Walter Llewellyn
 Grisham, Charles Linley
 Grob, Warren David
 Groome, R. Carlyle
 Grossenheider, Joseph Warren
 Durham, N. C.
 Scranton, Pa.
 Lakewood, O.
 Clinton, Ill.
 Warren, O.
 New York, N. Y.
 Hillsboro, N. C.
 Worcester, Mass
 Toledo, O.
 Charlotte, N. C.
 South Bend, Ind.
 Tampa, Fla.
 Biltmore, N. C.
 Wilson, N. C.
 Goldsboro, N. C.
 Elizabeth, N. J.
 Parkersburg, W. Va.
 Central Islip, N. Y.
 Troy, O.
 Mountain Lakes, N. J.
 Graham, N. C.
 Valley Stream, N. Y.
 New Rochelle, N. Y.
 Rochester, N. Y.
 Schenectady, N. Y.
 Bay City, Mich.
 Washington, D. C.
 Alderson, W. Va.
 Jacksonville, Ala.
 West Haven, Conn.
 West Haven, Conn.
 Lanerch, Pa.
 Lexington, Mass.
 Scarsdale, N. Y.
 Grand Rapids, Mich.
 McColl, S. C.
 West Haven, Conn.
 Palmyra, N. J.
 Durham, N. C.
 Elmhurst, Pa.
 High Point, N. C.
 Asheville, N. C.
 Johnstown, N. Y.
 Woodhaven, N. Y.
 Philadelphia, Pa.
 Laurinburg, N. C.
 Kenilworth, Ill.
 McKeesport, Pa.
 Gatesville, N. C.
 Haddonfield, N. J.
 Durham, N. C.
 Lakewood, O.
 Syracuse, N. Y.
 Lebanon, Va.
 Pottsville, Pa.
 Webster Groves, Mo.
 Merchantville, N. J.
 Greensboro, N. C.
 Webster Groves, Mo.

- *Guard, John Conner
 Gutstadt, Joseph Platt
 Hagerman, William Robert
 Haines, Richard Byron
 Haines, William Emens
 Hamilton, Charles Ray
 *Hansbury, Leo Raymond
 Hardesty, Charles Howard, Jr.
 *Harmes, John MacNair
 Harrell, Everett Richard, Jr.
 Hart, Thomas George, Jr.
 Hartman, John Wheeler
 *Harvey, John Richard
 Hawkins, Jackson DeWeese
 *Haynes, Charles C., Jr.
 Henderson, William Neavitt
 Henry, Burdette Spencer
 *Henson, Waldo Cornell
 Herter, Charles Jacques
 Hill, James
 Hillegass, Arthur Charles, Jr.
 Hinnant, Harvey Jackson
 Hinshaw, Robert A.
 Hockenjos, Gottlieb Frederick
 Hockman, Thomas Alfred
 Holcombe, Lynn Montanye, Jr.
 Honeycutt, Emery Highsmith
 *Hood, Charles Edwin
 *Hooper, Thornton Dayton
 Hopwood, William Sterling
 Horrell, William Olney
 *Horton, Paul Emmons
 Hosp, David Henry
 *Howe, Standish Sturtevant
 *Huckabee, Thomas Franklin
 Hudgins, Thomas Frederick, Jr.
 *Hughes, William Denver
 Huntsinger, Warren Eugene
 Hussey, William Howland
 *Hutchings, Philip Wiley
 Hyman, Mac Hooks
 Ingalls, Foster Kinne
 Ingham, William Chase
 Jaffey, Arthur
 Jarvis, Camden A., Jr.
 Johnson, Charles Edward
 Johnson, Clarence Watson, Jr.
 *Johnson, David Wellsmon
 *Johnson, Haddon, Jr.
 *Johnson, Owen Clay
 Johnstone, Robert Dale
 Jones, Ethrage Felton
 Jones, Herman Ennis, Jr.
 Joy, William Addison
 *Kaminski, John Joseph
 Kandel, Robert Franklin
 Keller, Robert Slotterback
 Kelly, Francis Edward
 Kelly, William Peter
 Ross, O.
 Chicago, Ill.
 Red Bank, N. J.
 Dayton, O.
 Bridgeport, Conn.
 Arlington, Va.
 Salem, Mass.
 Fairmont, W. Va.
 Binghamton, N. Y.
 Birmingham, Mich.
 W. Hartford, Conn.
 Detroit, Mich.
 Rahway, N. J.
 Braintree, Mass.
 Durham, N. C.
 Maplewood, N. J.
 Bay City, Mich.
 Charleston, W. Va.
 Haworth, N. J.
 Washington, D. C.
 Buenos Aires, Argentina
 Raleigh, N. C.
 Akron, O.
 Livingston, N. J.
 Greenville, S. C.
 Roselle, N. J.
 Clinton, N. C.
 Greensboro, N. C.
 Philadelphia, Pa.
 Uniontown, Pa.
 Dayton, O.
 W. Hartford, Conn.
 Newark, N. J.
 Durham, N. C.
 Durham, N. C.
 Mt. Vernon, O.
 East Liverpool, O.
 Hollis, Long Island, N. Y.
 Durham, N. C.
 Durham, N. C.
 Cordele, Ga.
 Englewood, N. J.
 Concord, N. H.
 Somerville, N. J.
 Charleston, W. Va.
 Watertown, Mass.
 Lynnfield, Mass.
 Augusta, Ga.
 Atlanta, Ga.
 Attleboro, Mass.
 Munhall, Pa.
 Durham, N. C.
 Merchantville, N. J.
 Ventnor, N. J.
 Atlas, Pa.
 Louisville, O.
 Lovelle, Pa.
 Johnstown, Pa.
 Hastings, Pa.

- Kernodle, John Thomas
 Ketchem, Vern Albert
 Kiefer, George Croney, Jr.
 *Kilian, Frank Rudolph
 Kimmatt, Jules
 Kingery, Lisle Byron, Jr.
 Kinton, Sam Snider
 Kirsnis, Edmond Robert
 Klisiewski, Richard Francis
 Koon, Ethen Sease, Jr.
 Koperek, Robert Frank
 Lamb, John Lowry
 Lane, William A., Jr.
 *Larsen, Donald Frederick, Jr.
 *Lawler, Norman Richard
 *Lawrence, William Edmund
 *Lemken, Russell Kenneth
 Levy, William Bernard
 *Liddle, William Pfeiffer, Jr.
 *Lintner, Charles Oscar
 Littman, Donald Stanley
 *Loftis, Cedric James
 *Loftis, Wallace Garland
 *Loftus, Frank
 *Long, Leo Joseph
 Long, Richard Gwynn
 *Lovejoy, Roger Eliot
 Lowry, William John
 Lundeberg, Philip Karl
 Lyons, Carmine Keith
 *McAllister, Holden Swift
 *McClees, Thomas Atwood
 *McDonald, Walter Neill
 MacDonald, Lorne Sinclair
 *MacInnes, Robert Jarvie
 McKeehan, William Joseph
 McLain, Abner Sebastian, Jr.
 McLeod, Walter Anderson, Jr.
 Maines, John Guy
 Malcolm, John Daniel
 Martinelli, Mario, Jr.
 *Mason, Edward Bowman
 Massenburg, George Yellott
 *Masters, Benjamin Clark
 *Meixner, John B.
 Melervey, Arthur Charles, Jr.
 Metz, John Ralph
 Miller, Alex Stanley, Jr.
 Miller, Edward Allan
 Miller, Gerald Stephen
 *Miller, John Leavitt
 Miller, Richard David
 Miller, Richard Eugene
 Mirmelstein, Alvin B. H.
 Mittle, Harold Lee
 *Moize, Paul Frederick
 *Montgomery, William Newbegin
 Moore, Samuel Leedom
 *Moorhouse, Richard Parmelee
 Durham, N. C.
 Cleveland Heights, O.
 Hamden, Conn.
 Norlina, N. C.
 Durham, N. C.
 White Plains, N. Y.
 Durham, N. C.
 Paulsboro, N. J.
 Rochester, N. Y.
 Asheville, N. C.
 New Kensington, Pa.
 Lakewood, O.
 Miami, Fla.
 Green Bay, Wis.
 Niagara Falls, N. Y.
 Sparkill, N. Y.
 Brooklyn, N. Y.
 Harrisburg, Pa.
 Sea Girt, N. J.
 Akron, O.
 New Britain, Conn.
 Durham, N. C.
 Durham, N. C.
 Chevy Chase, Md.
 South Orange, N. J.
 Roxboro, N. C.
 Holyoke, Mass.
 E. Cleveland, O.
 Durham, N. C.
 Charleston, W. Va.
 Glencoe, Ill.
 Elm City, N. C.
 Durham, N. C.
 Birmingham, Mich.
 Erie, Pa.
 Miami, Fla.
 Hattiesburg, Miss.
 St. Petersburg, Fla.
 Ossining, N. Y.
 South Bend, Ind.
 Covington, Va.
 Milford, Conn.
 Macon, Ga.
 Oak Park, Ill.
 Chicago, Ill.
 New Rochelle, N. Y.
 Saylesville, R. I.
 Millersburg, Ky.
 New York, N. Y.
 New York, N. Y.
 Collingswood, N. J.
 Great Neck, N. Y.
 Chicago, Ill.
 Newport News, Va.
 Beaufort, S. C.
 Durham, N. C.
 Highland Park, Mich.
 Miami Beach, Fla.
 Englewood, N. J.

- Mooring, Francis Paul
 Moppert, Edward Joseph, Jr.
 Morgenthau, John Lewis, Jr.
 Morris, Robert James
 Morrison, Robert Douglas
 Morton, David Lindsay
 Moses, Gerald Hanson, Jr.
 Moss, Gilbert
 *Mousmoules, James Andrew
 Mundorf, George
 Murray, Andrew Hawirt
 Nanni, Americo Roger
 *Napier, Wallace Lee
 *Nauman, Reginald Arnold
 Nauman, Robert Vincent
 *Nelson, William Edward
 *Newton, Edward Traywick, Jr.
 Nicholson, Bradford Lamont
 Nicholson, Henry Hale, Jr.
 *Nicholson, Sterling Johnston, Jr.
 Norris, Franklyn Gray
 Nunn, DeWitt Archibald
 Ogburn, Paul Lanier
 *Onken, Warren Harding
 Overman, John Reagan
 *Owen, Lewis Hagood
 Ozment, James Hubert
 Pace, Sherman Homer
 *Palmer, Harry Hyde, Jr.
 Parks, Benjamin Green, Jr.
 Patterson, George William, Jr.
 *Peters, George Andrew
 *Phillips, Sam Lafayette
 Pittman, Stephen Chester
 Plazenski, Edward Peter
 *Poe, William Boyd
 Polokoff, Edwin
 Poole, John Gibbs
 Potter, Robert Daniel
 Powell, Leon Williams, Jr.
 Primm, Arthur Weeks
 Prudhome, Robert Joseph
 Prytherch, John Pershing
 Prytherch, Robert Hugh
 Quenzer, Harry Milton
 Rae, Matthew Sanderson
 Rand, Julian Arey, Jr.
 *Rauch, Marshall Arthur
 *Raulerson, Thomas Page
 Richardson, John Wick
 Riebel, Embry Lewis
 Riedell, William George
 Ritter, James Martin
 Robbins, David Williamson
 *Robertson, James Matteson
 Robinson, William Harry
 Rocap, Edward
 *Rogers, William Edwin
 Rokos, William Jay, Jr.
 Rocky Mount, N. C.
 Cranford, N. J.
 Elizabethtown, N. Y.
 Rockville Centre, N. Y.
 Larchmont, N. Y.
 Charlotte, N. C.
 Mt. Lebanon, Pa.
 Kenmore, N. Y.
 Durham, N. C.
 York, Pa.
 Oyster Bay, N. Y.
 Pittston, Pa.
 Durham, N. C.
 E. Stroudsburg, Pa.
 Analomink, Pa.
 Wilmington, Del.
 Durham, N. C.
 New Canaan, Conn.
 Statesville, N. C.
 Durham, N. C.
 Washington, D. C.
 Winston-Salem, N. C.
 Charlotte, N. C.
 Brooklyn, N. Y.
 Marion, Ind.
 Durham, N. C.
 Dyersburg, Tenn.
 St. Petersburg, Fla.
 Tarboro, N. C.
 Waxcross, Ga.
 North Bergen, N. J.
 Glenbrook, Conn.
 Wing, N. C.
 Morehead City, N. C.
 New Britain, Conn.
 Durham, N. C.
 Poughkeepsie, N. Y.
 Charlotte, N. C.
 Wilmington, N. C.
 Durham, N. C.
 Miami, Fla.
 Wheeling, W. Va.
 Binghamton, N. Y.
 Ridgewood, N. J.
 Westmont, N. J.
 Pittsburgh, Pa.
 Raleigh, N. C.
 Woodmere, N. Y.
 Athens, Pa.
 Memphis, Tenn.
 Coral Gables, Fla.
 Upper Montclair, N. J.
 Sandusky, O.
 Riverton, N. J.
 Carlsbad, Mexico
 Palmyra, N. J.
 Springfield, Pa.
 Durham, N. C.
 Baltimore, Md.

- Ropp, Donald Willard
 *Rose, Robert Herman
 *Rute, Charles Robert
 *Sailer, Rowland Walter
 Saunders, Richard David
 Sawyer, John Richard
 Schlaseman, Guy Walter
 *Schmidt, George Houston
 Schuchardt, William Arthur
 *Schuman, Eugene Stocton
 Secrest, Andrew McDowd
 Secrest, Vann Vanderlyn
 *Seger, Oscar Franklyn
 Selfridge, James Heath
 *Sellinger, Dave Ewing
 Seward, John Evans
 *Sheep, Mathew Leigh
 *Sheldon, Robert Leonard
 Shelley, Richard Charles
 Shepard, Kenneth Sihler
 Sheridan, J. Robert
 Sheridan, Robert John
 Sherman, Paul Henry
 *Shuart, Karl Park
 Shuler, Tom Crawford
 Shultzaberger, Lawrence Zane
 *Sisek, Harry
 Small, Richard Glen
 Smart, Roy Louis, Jr.
 Smeltzer, James Loughrey
 *Smith, Arthur George
 Smith, Chandler Sparkman
 Smith, Charles Vestus
 *Smith, Henry Hervey
 *Smith, William Henry
 Smith, Nathan Amasa
 *Smith, Nathan Shelburne
 Smoots, Herbert T.
 Snodgrass, David Paul
 Snow, Donald Franklyn
 Snyder, Ralph Warner
 *Soule, Harold Browne
 Speth, Charles Theodore
 Spieth, Marshall William
 *Spitler, John Douglas
 Starr, Maurice Kenneth
 Stauf, Jack Harrison
 *Steel, Charles Earl
 Stephens, Bart Nelson
 *Sticht, Roger John
 Stick, Wesley DeHaven
 *Stone, Jerry Broadwell
 *Stott, Grady B.
 Strater, David Eli
 Strobe, James Ervin
 *Swartsbaugh, Jasen Blackford
 Switzer, Lawrence Charles
 Tailer, William Harding
 *Tallman, Alfred Bryant
 Detroit, Mich.
 New York, N. Y.
 Easton, Pa.
 Philadelphia, Pa.
 Athol Springs, N. Y.
 S. Weymouth, Mass.
 Lansford, Pa.
 Elmira, N. Y.
 Wyoming, O.
 Latrobe, Pa.
 Monroe, N. C.
 Monroe, N. C.
 Ocean Grove, N. J.
 Poughkeepsie, N. Y.
 Sheboygan, Wis.
 Newport News, Va.
 Elizabeth City, N. C.
 Roselle, N. J.
 Brooklyn, N. Y.
 Evanston, Ill.
 Wildwood Park, Conn.
 Westfield, N. J.
 Baltimore, Md.
 Grand Rapids, Mich.
 New Philadelphia, O.
 Ardmore, Pa.
 Youngstown, O.
 Rockville Centre, N. Y.
 Charlotte, N. C.
 Youngstown, O.
 Binghamton, N. Y.
 Robersonville, N. C.
 Tennille, Ga.
 Raleigh, N. C.
 Mt. Airy, N. C.
 Greensboro, N. C.
 Middleboro, Ky.
 Indianapolis, Ind.
 Canonsburg, Pa.
 Danbury, Conn.
 New York, N. Y.
 South Weymouth, Mass.
 S. Temple, Pa.
 Louisville, Ky.
 Findlay, O.
 Baltimore, Md.
 Oceanside, N. Y.
 Indiana, Pa.
 Long Beach, Calif.
 Kenmore, N. Y.
 Hanover, Pa.
 Hillsboro, N. C.
 Bailey, N. C.
 Ogunquit, Me.
 Belmar, N. Y.
 Toledo, O.
 Greenwood, S. C.
 Coral Gables, Fla.
 Hamburg, N. Y.

Tantum, Robert David	Cream Ridge, N. J.
*Taylor, Robert Russell	Arlington, N. J.
Thomas, William Rayford	Durham, N. C.
*Thompson, Miles Gilbert, Jr.	Cumberland, Md.
Thompson, Robert Gordon	Durham, N. C.
Thomson, George Bell	Crowley, La.
Tippett, Lucius Holmes	Havana, Cuba
Tompkins, James Kenneth	Johnson City, N. Y.
Tope, Robert Ellwood	New Philadelphia, O.
*Truitt, Ross Warren	Coronado, Calif.
Tucker, Sterling Woodward	Little Rock, Ark.
*Turner, Thomas Johnathan	Nanticoke, Pa.
Tuscany, Arthur Joseph	Lakewood, O.
Tyer, William Boyd, Jr.	Smithfield, N. C.
Ulman, Howard L.	Williamsport, Pa.
*Vann, Arthur	Dunn, N. C.
Varney, Robert Frederick	Lakewood, O.
Veal, Joseph Holliday	Madisonville, Ky.
*Vehe, Robert Richard	Chicago, Ill.
Wagner, Wayne Rogers	Belleville, Ill.
Walenta, Paul Parks	Baltimore, Md.
*Walkey, Frederick Platt	Saugus, Mass.
Wallace, Stanley Lawrence	Brooklyn, N. Y.
Wappett, John Newton	Rockville Centre, N. Y.
Weidman, Richard Lowell	Sinking Spring, Pa.
Weisman, S. Miller	Detroit, Mich.
Wells, Robert Arthur	Weehawken, N. J.
Welshans, Charles Robert	Wheeling, W. Va.
*Welton, Robert Glenn	Ellwood City, Pa.
Wenman, James Taylor	Stamford, Conn.
Westover, Don Alden	Hastings, Pa.
*Whalen, Robert Edward	Portsmouth, N. H.
White, Clayton Alden	Orleans, Mass.
Wilbur, Jerry Francis, Jr.	Johnstown, Pa.
Wiles, John Herman	Dayton, O.
Williams, James Edward	Durham, N. C.
Willis, David Steel, Jr.	Raleigh, N. C.
Willoughby, Dan Hall	Jackson, Miss.
Winter, Charles Kofoid	Bridgeport, Conn.
*Wolfe, James Boyd, Jr.	Greensboro, N. C.
Wrenn, Richard Nickles	Anderson, S. C.
*Wright, Morrow	Hillsboro, O.
Wright, William Smith	Wilson, N. C.
*Yamashita, Toyoro	New York, N. Y.
*Yarborough, F. Graham	Raleigh, N. C.
*Yelverton, Calvin Robert, Jr.	Fremont, N. C.
Zeliff, John Engler, II.	Youngsville, Pa.
Zirato, Bruno, Jr.	New York, N. Y.

JUNIOR CLASS

Asterisk indicates that the student has not attained full class standing in hours or quality points.

*Alexander, James Gladden	Lakewood, O.
*Alspach, William Joseph	Cincinnati, O.
*Alston, W. M.	Henderson, N. C.
Anderson, John Frederick	Seattle, Wash.
*Autry, Paul Geddie	Fayetteville, N. C.
*Baer, J. Arthur, II	St. Louis, Mo.
Ballard, David Leon	Ellerbe, N. C.

- Barwood, Leon Joachim, II
 Bates, William, Jr.
 *Baynes, Walter Wright
 Beeghly, John David
 *Bennett, William Doub
 Benoit, John Henry
 Berg, Roy Gene
 Berry, Frederick Hamer
 Berte, Stephen Joseph
 Birkelo, Carl Heggen
 Black, Julian Rigler
 Blight, Howard Rodger
 Bloxom, Robert Norris
 Bluefeld, Curt, Jr.
 Boehm, Kenneth Everett
 Boger, Richard Edwin
 Bond, Lewis Franklin, Jr.
 Bopp, Henry William, Jr.
 *Bowman, James Clair
 Boykin, Lester Junod
 Branscomb, Bennett Harvie, Jr.
 Browder, Bannister Randolph
 Brown, Edward Pierce
 Brown, Richard Arnold
 Bryan, John Burton
 Bullock, Harvey Reade
 Buonocore, Frank Ralph
 *Burbank, Daniel Norman
 *Burns, Thomas Edward
 Burrows, Charles Frederick
 Butner, Bobby Jean
 Bynum, Fred Williamson, Jr.
 *Campbell, Alton Gailey
 Campbell, Strouse, II
 Carter, Claude Elwood
 *Carter, Russell Lawrence
 *Casey, Timothy Michael
 *Chapin, John Estes
 Chapman, Oliver Warner
 Chaput, Robert John
 Clark, Edward Lewis
 Clifford, Thomas Norman
 Cline, John Maxwell
 Cobb, Paul Bryson
 Conrad, Joseph Locke, Jr.
 Cook, Daniel George
 *Courtney, Marcus Vincent
 *Covington, William Horace, Jr.
 Cowan, Eben Edward
 Cox, Charles Vincent
 Cox, Gene Spracher
 *Coyle, William Johnson
 Coyte, Lawrence M.
 *Cozart, Wiley Holt
 *Crane, Henry Hitt
 *Crigler, Norris Wolf
 Dale, Francis Lykins
 *Davenport, Joe Blount
 DeLong, Thomas Stover
 Brookline, Mass.
 Philadelphia, Pa.
 Winston-Salem, N. C.
 Youngstown, O.
 Rocky Mount, N. C.
 New York, N. Y.
 Great Neck, N. Y.
 Staunton, Va.
 Brooklyn, N. Y.
 Detroit, Mich.
 Charlotte, N. C.
 Bridgeport, Conn.
 Mappsville, Va.
 Nutley, N. J.
 Short Hills, N. J.
 Charlotte, N. C.
 Washington, D. C.
 Terre Haute, Ind.
 Gladstone, N. J.
 Washington, D. C.
 Durham, N. C.
 Winston-Salem, N. C.
 Durham, N. C.
 Aurora, Ill.
 St. Petersburg, Fla.
 Binghamton, N. Y.
 Torrington, Conn.
 Washington, D. C.
 Winston-Salem, N. C.
 Pelham Manor, N. Y.
 Bethania, N. C.
 Rockingham, N. C.
 Raleigh, N. C.
 Portland, Ore.
 Detroit, Mich.
 W. Hartford, Conn.
 Concord, N. H.
 Rochester, N. Y.
 Phoenix, Ariz.
 Royal Oak, Mich.
 Pittsburgh, Pa.
 Rodgers Forge, Md.
 Durham, N. C.
 Greensboro, N. C.
 Durham, N. C.
 Lakewood, O.
 Charlotte, N. C.
 Polkville, N. C.
 Springdale, Conn.
 Shaker Heights, O.
 Kingsport, Tenn.
 Carlisle, Pa.
 Louisville, Ky.
 Fuquay Springs, N. C.
 Detroit, Mich.
 Charlotte, N. C.
 Portsmouth, O.
 Windsor, N. C.
 Reading, Pa.

- *Dempsey, Luther Edgar, Jr.
 DeNio, Arthur Edward
 *Dennis, William Baker
 *Dixon, Wright Tracy
 Dodd, Rufus Burton
 *Dougherty, Eric Schoonmaker
 *Doyle, William F.
 *Drew, Joseph Norman
 Ducker, Edward Sease
 *Dugan, John Edward
 *Duncan, George Henry
 Dunn, Albert Wilkerson
 Dunn, Robert Thomas
 Earnhardt, Herman Lee
 Eaton, Dale E.
 Edelman, Irving Jacob
 Edinger, Richard Loren
 Edwards, Robert Wesley
 Eitner, William Wolfgang
 *Elliott, Emrich Eugene
 Entrekin, William Frank, Jr.
 *Evans, Robert Rush
 *Ezelle, John Wofford
 *Ezerski, Frank Peter
 *Fancher, Malcolm G.
 Farinash, Francis Leonard
 Feldman, Leon
 Few, Randolph Reamey
 Field, Frank Henry
 Flynn, Charles Shivey
 *Ford, Richard Henry
 Frank, Leonard Earl
 Friedberg, Edwin Peter
 Frostick, Fred C.
 Fuqua, Robert Meek
 *Gaillard, Eyre Davis
 Galt, Howard Thomas
 *Garriss, William Philip
 Gatling, William Harrell
 *German, Paul M.
 *Gobble, James Franklin
 Golden, James Boyd
 Goldstein, Edward Lee
 Goodwin, Otho Creasy, Jr.
 Gosnell, William Burton
 *Green, Raymond Edgar
 *Green, Seymour Stanley
 Green, William N.
 *Gregory, Dallas Maynard
 Greiner, Morris Esty, Jr.
 *Groll, Raymond Carl
 Gross, Robert Argyle
 *Grover, Harry George
 *Hagins, John Williams
 Hale, John
 *Hand, Herbert Gilman
 Hanford, John Van, Jr.
 Harawitz, Benedict R.
 *Harrington, Joseph Sibley
 Greensboro, N. C.
 Detroit, Mich.
 Henderson, N. C.
 Raleigh, N. C.
 Zanesville, O.
 Tannersville, N. Y.
 Glen Ridge, N. J.
 Leonia, N. J.
 Charlotte, N. C.
 Philadelphia, Pa.
 Columbia, S. C.
 Durham, N. C.
 Fairlawn, N. J.
 Salisbury, N. C.
 Kenmore, N. Y.
 Cleveland, O.
 Woodstock, Ill.
 Williamsport, Pa.
 Kew Gardens, N. Y.
 Terre Haute, Ind.
 Upper Montclair, N. J.
 Connellsville, Pa.
 Gaffney, S. C.
 Monessen, Pa.
 New Canaan, Conn.
 Jenkins, Ky.
 Charleston, S. C.
 Durham, N. C.
 Cliffside Park, N. J.
 Bluefield, W. Va.
 Upper Darby, Pa.
 Portland, Ore.
 Atlantic City, N. J.
 Maxton, N. C.
 Bluefield, W. Va.
 New York, N. Y.
 Glenmoore, Pa.
 Wadesboro, N. C.
 Norfolk, Va.
 Oklahoma City, Okla.
 Winston-Salem, N. C.
 Greenfield, Mass.
 Harrison, N. J.
 Blackstone, Va.
 Wilmington, Del.
 Clearwater, Fla.
 Abingdon, Va.
 Graham, N. C.
 Skipwith, Va.
 Wellsburg, W. Va.
 Flushing, N. Y.
 Elkins, W. Va.
 Bayside, N. Y.
 Johnstown, Pa.
 Wilmette, Ill.
 Westfield, N. J.
 Salisbury, N. C.
 Pittsfield, Mass.
 Franklin, Pa.

- Harrison, Fenton F.
 Harward, Stephen Cannada
 *Hedley, George Saville, Jr.
 Heller, George Henry
 *Hench, Edgar Bishop
 Hendricks, Warren Aiken
 Henshaw, Douglas Venville
 *Herder, Donald
 Hessler, Robert Edward
 Hickman, Marcus Tobias
 *Higgins, Clarence Bertrand, Jr.
 *Hill, John Kling
 Hill, Samuel Richardson, Jr.
 Hillier, George Robert
 *Himelright, Richard C.
 *Hipp, Charles Rucker
 Hoeland, Donald Earl
 Hoffberger, Charles Bertram
 Hogg, William Richey
 Hogue, W. Fay
 Holman, Bruce Charles
 *Holmes, Alfred Theodore, Jr.
 Holt, Duncan Waldo, Jr.
 Hoover, Alfred Richard
 *Hornaday, John Albert
 Horton, Bill Furman
 *Hostetter, Earl Richard
 *Howerton, Thomas Royster
 Hubbell, David Smith
 *Huffman, Weddie Wilson
 Hunter, Cornelius Wood
 Huntington, William Richard
 *Hurley, Bernard Talmage, Jr.
 Ing, Robert B.
 *Isdell, Nelson LeRoy
 Jacobson, Merwin William, Jr.
 Jenkins, Edgar Joseph
 *Jenkins, John Richard, Jr.
 John, Louis Edward
 Johnson, Stewart Henry
 *Johnson, Waverly Lee
 Johntz, William Fones
 Jones, John David
 Jones, Joseph Kempton
 *Kale, W. Wilford
 Kaplan, Seymour Robert
 Kefauver, Clarence Eugene, Jr.
 Keister, Stephen Ridinger
 *Keller, Thomas Whitney
 *Kirkwood, Philip Leroy
 *Kitchens, Jack Conway
 Koonce, Duval Holtzclaw
 Korowicki, Charles Henry
 *Kurtz, John Cornell
 *Kurzrok, Felix
 Lamm, LeRoy Barden
 *Lanahan, Edward Lauck
 *Larson, Carmot C.
 *Lassiter, Robert Roland
 Buffalo, N. Y.
 Durham, N. C.
 Lakewood, O.
 Hamburg, N. Y.
 Harrisburg, Pa.
 Elizabeth City, N. C.
 Elizabeth, N. J.
 Baltimore, Md.
 Philadelphia, Pa.
 Hudson, N. C.
 Milton, Mass.
 Snyder, N. Y.
 Greensboro, N. C.
 Westfield, N. J.
 Winchester, Va.
 Greensboro, N. C.
 Dayton, O.
 Baltimore, Md.
 Wilkingsburg, Pa.
 Croton-on-Hudson, N. Y.
 Bainbridge, N. Y.
 Ridgefield, N. J.
 Greensboro, N. C.
 Toledo, O.
 Enfield, N. C.
 Brooklyn, N. Y.
 Cape Charles, Va.
 Durham, N. C.
 Durham, N. C.
 Thomasville, N. C.
 Port Huron, Mich.
 Rutherford, N. J.
 Williamston, N. C.
 Managua, Nicaragua
 Delmar, N. Y.
 Baltimore, Md.
 Washington, D. C.
 Albany, N. Y.
 St. John, Kan.
 Staten Island, N. Y.
 Blackstone, Va.
 Winston-Salem, N. C.
 Wadsworth, O.
 Salisbury, N. C.
 Charlotte, N. C.
 Brooklyn, N. Y.
 Washington, D. C.
 Greensburg, Pa.
 La Grange, Ill.
 Wildwood, N. J.
 Bradley Beach, N. J.
 Chadbourn, N. C.
 Arnold, Pa.
 Toledo, O.
 Fieldston, N. Y.
 Lucama, N. C.
 Pittsburgh, Pa.
 Mt. Lebanon, Pa.
 Jackson Heights, N. Y.

- Leuthold, Richard Albert
 Lockwood, Wendell Newton
 *Loidl, Alfred G.
 Lombardi, Jerry Francis
 Long, John Oglesby
 Lutz, James Dwight
 *McCormick, Robert Compton
 McCune, Frank Watt
 MacDade, Thomas Clark, Jr.
 McGimsey, Edward Claywell
 McGirt, William A., Jr.
 McGovern, John Phillip
 McGrane, Arthur Joseph
 McKinnon, Henry Alexander, Jr.
 McLaughlin, Joseph
 McMorries, Edwin Eliot
 *Malone, H. John
 Manning, Reginald Murrill
 Mason, Arthur Hugh, Jr.
 *Maxwell, F. Clair, Jr.
 Maxwell, Jay C.
 Mayer, Murray Simon
 Maynard, Lawrence Page, Jr.
 *Menner, Francis William
 *Messenkopf, Philip Charles
 Meyer, Arthur F.
 Miller, Lowell Stephen
 Mills, John Parmelee
 *Mills, William Breyman
 Milnes, William Willis
 Milton, Raymond Michael
 Miner, Robert Calvin
 *Moore, John Maxwell
 Moore, Thomas Joseph
 Moseley, Daniel DuPre
 Moss, Earle Chester, Jr.
 Moylan, J. Dudley
 *Mullen, C. Thomas
 Murdaugh, Marion Edward
 Murphy, Kenneth James
 Nasher, Raymond Donald
 Newbold, Herbert Leon, Jr.
 Newport, Albert Byron
 *Newsham, Richard Charles
 Nicholas, Max Wellington
 Nifong, Julius Lee
 Nute, Floyd Thomas
 Oakes, Luther Taylor
 *O'Connor, William Paul
 *O'Donnell, Richard Justin
 Oestmann, Charles Henry
 O'Mara, Allan Hill
 Osborne, William Farrand, Jr.
 Paddison, Richard Milton
 Padilla, Esteban
 Paige, Dick Russel
 *Pansing, Joseph C.
 Patten, John William
 Patterson, George Lowndes
 Warren, Pa.
 Plainville, Conn.
 Anderson, Ind.
 Danbury, Conn.
 Warrenton, N. C.
 Shelby, N. C.
 Washington, D. C.
 McKeesport, Pa.
 Salt Lake City, Utah
 Morganton, N. C.
 Wilmington, N. C.
 Washington, D. C.
 New London, Conn.
 Lumberton, N. C.
 Charlotte, N. C.
 Pago Pago, Samoa
 New Britain, Conn.
 Williamston, N. C.
 Buffalo, N. Y.
 Mamaroneck, N. Y.
 Smithville Flats, N. Y.
 Winthrop Harbor, Ill.
 Williamsport, Pa.
 Irvington, N. J.
 Erie, Pa.
 Cleveland Heights, O.
 Asheville, N. C.
 Willoughby, O.
 Cedar Rapids, Ia.
 Struthers, O.
 Lynbrook, N. Y.
 Albany, N. Y.
 Charlotte, N. C.
 Bronxville, N. Y.
 Spartanburg, S. C.
 Providence, R. I.
 Miami, Fla.
 Brooklyn, N. Y.
 Durham, N. C.
 Rensselaer, N. Y.
 Brookline, Mass.
 Newport News, Va.
 Philadelphia, Pa.
 Audubon, N. J.
 Cogan Station, Pa.
 Cherryville, N. C.
 Portland, Me.
 Weldon, N. C.
 Woburn, Mass.
 Wilkes-Barre, Pa.
 Youngstown, O.
 Terre Haute, Ind.
 Arlington, N. J.
 Savannah, Ga.
 Arecibo, Puerto Rico
 Coral Gables, Fla.
 Dayton, O.
 Euclid, O.
 Miami, Fla.

- Pattridge, Willard Lee
 Peck, James William
 Perry, Donald Graham
 Perry, Harrell Boone
 Philipp, Albert Ernest
 Phillips, John Wilfred
 Phillips, Preson Peek, Jr.
 *Pifer, Robert Theodore Alston
 Pinsky, Melvin Lester
 Poole, Grover Duckett
 Porritt, Richard H.
 *Porter, Winston Allen
 Porterfield, David Ormond
 Powell, Ralph Waldo
 Preis, Edwin Ernest
 Price, Eugene Patton
 Radford, John Alexander
 Rankin, William Walter
 Read, Thomas
 *Redding, Clyde
 Rich, Elwood Merrell
 Robinson, George Gilmour, Jr.
 Rosen, Allard Frank
 *Rothbaum, Samuel Wief
 Ruark, Franklin Stiffler
 *Rusk, Stephen Lewis, III
 Ruskin, Edwin Robert
 Russell, Philip Everitt
 Russell, Robert McCurdy
 *Ryan, Robert H.
 *Schriever, John Henry
 Schwartz, William Benjamin
 Scott, Jimmie Aquilla
 *Scott, Samuel M.
 Seman, Luen Karl
 *Seward, Frank Martin
 Sheldon, Murray Bernard, Jr.
 *Shockey, Joseph Porter, Jr.
 Sierichs, William Cornell
 Silverbach, Alan Melville
 Simester, Don Phillip
 *Simon, George Solomon
 *Simonds, Dwight Lunt
 *Skellenger, John Robert
 Smedberg, William Waldemar
 Smeltzer, Dave Harvey
 Smith, Benjamin Lee, Jr.
 *Smith, Boylston Dandridge
 *Smith, Cody Heber
 Smith, Earle Stuart
 Smith, Leonard James
 Smith, Luther Louis, Jr.
 Smith, Richard B.
 *Smith, Sidney William
 *Smoot, Fred Burton
 *Smoot, James Watson, Jr.
 Snyder, Thoburn Rudolph, Jr.
 *Sobell, M. Henry
 Springs, Holmes Buck, Jr.
- Orlando, Fla.
 Summersville, W. Va.
 Winston-Salem, N. C.
 Durham, N. C.
 Bogota, N. J.
 Brewster, N. Y.
 Durham, N. C.
 Durham, N. C.
 Belleaire, O.
 Raleigh, N. C.
 Providence, R. I.
 E. Liverpool, O.
 St. Clairsville, O.
 Avondale Estates, Ga.
 Colwick, Merchantville, N. J.
 Erwin, Tenn.
 Washington, D. C.
 Durham, N. C.
 W. Pittston, Pa.
 Portsmouth, O.
 Williamsport, Pa.
 Woodbridge, N. J.
 E. Cleveland, O.
 Palmyra, N. J.
 Park Ridge, Ill.
 St. Petersburg, Fla.
 New Rochelle, N. Y.
 Glencoe, Ill.
 Burgettstown, Pa.
 Akron, O.
 Grosse Pointe, Mich.
 Woodmere, N. Y.
 Fair Bluff, N. C.
 Waynesburg, Pa.
 Woodmere, N. Y.
 Merchantville, N. J.
 Roselle Park, N. J.
 Red Ash, Va.
 New York, N. Y.
 Patterson, N. J.
 Wadsworth, O.
 Mt. Pleasant, Pa.
 Arlington, Mass.
 Logan, W. Va.
 Greensboro, N. C.
 Youngstown, O.
 Greensboro, N. C.
 Omar, W. Va.
 Durham, N. C.
 Winterport, Me.
 Hamilton, O.
 Rocky Mount, N. C.
 Washington, D. C.
 Albany, Ga.
 Scranton, Pa.
 Tarboro, N. C.
 Mt. Pleasant, Pa.
 Detroit, Mich.
 Myrtle Beach, S. C.

- *Stark, William Eugene
Starr, Ralph Walters
- *Steckel, Hugh Cleaveland
*Stenglein, Robert W.
Sterner, George Willard
Stewart, William Sinclair
Stoddard, Charles Richards, Jr.
Stone, Frederick Hamilton
- *Storer, Moffat
Stuart, John Pressley
Sudrann, Robert Bernhard
Suiter, Thomas Bayton
Swope, Lee F.
- *Sykes, Claude Oliver
Taylor, Allen
Thomas, Richard A.
Thomas, James Kenneth
Thurston, William Edgar
Tope, Charles Wilders
Treleven, Harry William
Trimmer, Perry Richmond
Troxell, Harry Emerson
- *Trumble, Richard William
Tucker, Adam Reynold, Jr.
- *Turlington, Henry Lee
- *Turner, John Morley
- *Upham, Stephen Pierce, Jr.
Utzinger, Robert Carlton
Vanderpool, William Sherman
Varney, Norman Arthur
Vaughan, Leonidas Clyde
Wagner, Richard Warren
- *Wakeling, Robert Willard
- *Walker, Andrew Gwin
Walker, Howard George, Jr.
Walsh, William Madison
Walter, James Elias
Watkins, William T., Jr.
Watson, Neal Thomas
Weber, William Donald
- *Webster, Wesley Gerald
Weeks, Harry Wills, Jr.
Wells, John Gay
- *West, George Warren
- *Wheeler, Howard James
White, Hayes MacMurry, Jr.
Widmark, George Norman
- *Willis, Julian Dewey
Wilson, Thomas Moser
- *Wilson, William Preston
Withington, John Cummings
Womble, Calder Willingham
Wrenn, Frank Reese
- *Wright, Frank Irvin
Xanthos, Nathan Paleologos
Young, Robert Douglas
Young, Russell Lowell, Jr.
*Young, Thomas Rudolph
- Lititz, Pa.
Wilmette, Ill.
Jackson Heights, N. Y.
Saginaw, Mich.
Belmar, N. J.
Charlotte, N. C.
New York, N. Y.
Springfield, Ill.
Wheeling, W. Va.
Mobile, Ala.
Brooklyn, N. Y.
Rocky Mount, N. C.
Harrisburg, Pa.
Durham, N. C.
Greenville, N. C.
Washington, D. C.
Spray, N. C.
Detroit, Mich.
Burgettstown, Pa.
Summit, N. J.
Snyder, N. Y.
Northumberland, Pa.
Miami, Fla.
Raleigh, N. C.
Clinton, N. C.
Homestead, Fla.
Mt. Vernon, O.
Plainfield, N. J.
Hollis, Okla.
Boston, Mass.
Greensboro, N. C.
Huntingdon, Pa.
Reading, Mass.
Norfolk, Va.
Westfield, N. J.
Chevy Chase, Md.
Delmar, N. Y.
Newport News, Va.
Fairfax, Va.
Erie, Pa.
Andover, N. H.
Charlotte, N. C.
Baltimore, Md.
Garden City, N. J.
Orlando, Fla.
Raleigh, N. C.
Verona, N. J.
Morehead City, N. C.
Washington, D. C.
Durham, N. C.
Savannah, Ga.
Winston-Salem, N. C.
Anderson, S. C.
Memphis, Tenn.
Wilmington, N. C.
Westfield, N. Y.
Glen Alpine, N. C.
Spartanburg, S. C.

SENIOR CLASS

Asterisk indicates that the student has not attained full class standing in hours or quality points.

- *Ackerman, Robert Manton
 *Adams, Claude A.
 *Allen, J. Clyde
 *Anthoine, Robert
 *Aufhammer, Robert Deane
 *Backer, Robert Martin
 Baily, Johnson Levering
 Baker, Frank Warren
 Barnett, Robert P.
 Barringer, Paul Jehu, Jr.
 Beaulieu, Bernard Basil
 Beckel, Samuel Somerville
 Bell, Richard Parker
 Blanchard, Lawrence E.
 Blodget, Chester Elliott
 Bokinsky, George Edward
 Booream, Charles Van Liew
 Bosca, Orsino Hugo
 *Bowman, Donald Allen
 Braswell, Thomas Edward
 Brian, Arthur Walter
 Brooks, William Armstead
 *Brower, Edwin Neil
 Brown, Werner Curt
 Bruckner, Jack Lincoln
 Burlingame, Alvah Waterman, III
 Byam, George Alan
 *Byrn, Chester Arthur, Jr.
 Caddy, James A.
 Cameron, William Charles
 Cassels, Louis Welborn
 Caudill, Carrel Mayo
 *Chester, Charles Gaines
 Clamp, Jesse Carl
 Clark, Robert Willard
 Clark, Word Compton
 *Clements, Russell Rodda
 *Cline, Guy E., Jr.
 *Colley, John Coolidge
 *Connelly, Thomas Francis
 Coppedge, James Young
 Cozart, William Charles
 *Creesy, W. Martin
 *Cregg, Donald Joseph
 Cromartie, Richard Lemuel, Jr.
 *Culp, Henry Wilburn
 Daniel, Edwin Jenkins
 Davis, William Whitfield, Jr.
 DeLancey, Charles Edward
 *DeLong, William Marsh
 DeWitt, John Phillips, Jr.
 Dick, Frederick William
 *Dodson, William Warnick, Jr.
 *Dolce, Robert Edgar
 Dolson, James Frederick
 Bound Brook, N. J.
 Durham, N. C.
 Tarentum, Pa.
 Portland, Me.
 Thorndale, Pa.
 Winston-Salem, N. C.
 Canandaigua, N. Y.
 Washington Court House, O.
 Albany, Ga.
 Sanford, N. C.
 Whitman, Mass.
 Huntingdon, Pa.
 Lakewood, O.
 Raleigh, N. C.
 Leominster, Mass.
 Windber, Pa.
 Milltown, N. J.
 Springfield, O.
 Jamaica Estates, N. Y.
 Elm City, N. C.
 Salem, O.
 Dallas, Tex.
 Hope Mills, N. C.
 Cascade, Md.
 Jamaica, N. Y.
 Brooklyn, N. Y.
 Lowell, Mass.
 Mayfield, Ky.
 Johnstown, Pa.
 Worcester, Mass.
 Ellenton, S. C.
 Pearisburg, Va.
 Raleigh, N. C.
 Helena, Ark.
 Richmond Hill, N. Y.
 Concord, N. C.
 Washington, D. C.
 Lincolnton, N. C.
 Reading, Mass.
 Altoona, Pa.
 Cleveland Heights, O.
 Raleigh, N. C.
 Elsmere, N. Y.
 Methuen, Mass.
 Garland, N. C.
 New London, N. C.
 Durham, N. C.
 Lumberton, N. C.
 Baltimore, Md.
 Reading, Pa.
 Wyoming, Pa.
 Meridian, Miss.
 Harrisburg, Pa.
 Flushing, N. Y.
 Franklin, Pa.

- Dozier, Riley Clarence, Jr.
 *Draper, Jess Orr
 Drumm, Corman Stogdell
 Dubs, Charles William
 Dunn, Harvey Esterly
 Dunn, Theodore Charles
 Dwight, John L.
 East, George
 Eckhoff, Paul Sheppard
 *Elder, William Howard
 *Essey, Albert John
 Farley, James Edward, Jr.
 *Felty, Ralph Benton
 Fisher, Walter Clark
 Fletcher, Thomas Peyton
 *Foreman, Robert Evans
 *Fraas, George William
 *Fracher, Louis Hoyte
 Fraser, James Graeme
 *Freeman, Thomas Franklin
 Gardner, Russell Menese
 Gartner, Murray
 *George, Leonard Beattie, Jr.
 *Gill, Aubrey W.
 *Given, Waitman Camden, Jr.
 Glisson, Hiram Broadus, Jr.
 Gomer, Charles August
 Gould, David Foster, II
 Grant, Charles Allison
 Greenfield, Robert Edman
 Grimes, William Henry
 Gundlach, George
 Haddad, Joseph Lebanon
 Happ, Lee Morris, Jr.
 *Harper, John Robert
 *Harrelson, Rose Cranse, Jr.
 *Harris, Jack
 Haviland, Robert Smith
 *Heath, Lester John, Jr.
 Heller, Morton Alvin
 Henderson, Joseph Crawford
 *Hewitt, Robert Patrick
 *Hickman, Edward Craig
 Hobbs, R. Thomas
 Holt, Earl Pendleton, Jr.
 Holton, Samuel Melanchthon
 Honeycutt, James Furman
 Hood, Thomas Ruffin
 Horn, Carl, Jr.
 Imler, Robert Lee
 Irwin, Warren Robert
 Jarrett, Lewis Franklin, Jr.
 Johnson, Allan Linner
 *Johnston, Leon Mack
 Jones, Sumner Prescott
 *Joyner, Aquilla H., Jr.
 *Kanter, Hulbert Jay
 *Karmazin, Michael Laurence
 Katz, Joseph
 South Mills, N. C.
 Saginaw, Mich.
 Wynnewood, Pa.
 Durham, N. C.
 Berks County, Pa.
 Croton-on-Hudson, N. Y.
 Wayne, Pa.
 Raphine, Va.
 Palisades Park, N. J.
 Columbia, S. C.
 Maxton, N. C.
 Durham, N. C.
 Ashland, Ky.
 Clinton, N. C.
 Paducah, Ky.
 Elizabeth City, N. C.
 Manhasset, N. Y.
 Detroit, Mich.
 Charlotte, N. C.
 Upper Montclair, N. J.
 Lock Haven, Pa.
 Edgewood, R. I.
 Staten Island, N. Y.
 Petersburg, Va.
 Cleveland, O.
 Savannah, Ga.
 New York, N. Y.
 Riverton, N. J.
 Louisville, Ky.
 Decatur, Ill.
 Hopewell Junction, N. Y.
 Cincinnati, O.
 Ansonia, Conn.
 Macon, Ga.
 Franklin, Pa.
 Tabor City, N. C.
 Lowell, N. C.
 Brookfield, Conn.
 Albany, N. Y.
 Hewlett, N. Y.
 Norristown, Pa.
 Sheffield, Ala.
 Shreveport, La.
 Durham, N. C.
 Oak Ridge, N. C.
 Durham, N. C.
 Clinton, N. C.
 Smithfield, N. C.
 Salisbury, N. C.
 Tulsa, Okla.
 McKees Rocks, Pa.
 Albany, N. Y.
 Minneapolis, Minn.
 Durham, N. C.
 Swarthmore, Pa.
 Morehead City, N. C.
 Newark, N. J.
 Irwin, Pa.
 Brooklyn, N. Y.

- Kauffman, John Phillip Derr
 Kelly, George Lafayette Austin, II
 Kemp, Albert York
 Kenion, Alonzo Williams
 Kennedy, John Wesley
 *Kindlund, Nelson
 *Kirkpatrick-Howat, Yvone
 Kirsch, Robert Joseph
 *Knight, John Arthur
 Knight, Victor H.
 *Kohler, Ervin Winston, Jr.
 *Kough, William Henry
 Koza, Robert Wayne
 *Lach, Steve John
 *Leone, Francis Joseph
 *Lewis, Clarence Lucian
 Lineberry, William Taylor
 Link, Harvey Jay
 *Lipscomb, James William
 Lone, William E.
 Lovell, William Figgatt
 *Ludwig, William Morton
 Lum, Hung Wah
 McAdams, Charles R., Jr.
 McCahan, William Glenn
 McClure, John Niel
 McClure, Roy Donaldson
 McDonough, Robert Walter
 McGough, Robert Bennett
 McMahan, John Alexander
 McNulty, Frank B., Jr.
 Maddox, Charles O.
 Maddox, Dan Wheeler
 *Madsen, Richard Laurids
 Maloney, John Gregory
 Marks, Edgar Seymour
 Marshall, Robert Pickens
 Marshall, Roger Lee
 *Martin, Sherwood E.
 Maxwell, Edward Wesley
 Maxwell, Silas James
 Mayo, Louis A.
 Meara, Andrew James
 Melko, John Francis, Jr.
 *Melton, Wilburn Pruitt, Jr.
 Merrill, Donald Candee
 Mettam, John Wilson
 *Miller, Arthur Bernard
 *Miller, Robert Barclay, Jr.
 Mitchell, Robert Edward
 *Mock, Clyde William
 *Montgomery, George Thomas
 *Mugele, Thomas Bernard
 Neaves, Frederick Edward
 *Nesbitt, William J.
 Obenshain, Wiley S., Jr.
 Ochsenreiter, Edward John
 *O'Neill, James William
 Owen, Judson Lewis, Jr.
 Charlotte, N. C.
 Birmingham, Ala.
 Syracuse, N. Y.
 Hillsboro, N. C.
 Danville, Va.
 Scituate, Mass.
 Edgewater, Md.
 Oak Park, Ill.
 Bamberg, S. C.
 Tampa, Fla.
 Yoe, Pa.
 Newport, Pa.
 Cuyahoga Falls, O.
 Altoona, Pa.
 Albany, N. Y.
 Clinton, N. C.
 Colerain, N. C.
 Scranton, Pa.
 Hinton, W. Va.
 Arlington, N. J.
 Raleigh, N. C.
 Chillicothe, O.
 Honolulu, Hawaii
 Belmont, N. C.
 Wilmington, Del.
 Palmetto, Fla.
 Detroit, Mich.
 W. Orange, N. J.
 Towson, Md.
 St. Petersburg, Fla.
 Pittsburgh, Pa.
 Winder, Ga.
 Thomasville, N. C.
 Hastings-on-Hudson, N. Y.
 Deal, N. J.
 Greensboro, N. C.
 Washington, D. C.
 Winston-Salem, N. C.
 Kittanning, Pa.
 Comus, Md.
 Pink Hill, N. C.
 Greenville, N. C.
 Glen Rock, N. J.
 Perth Amboy, N. J.
 Dallas, Tex.
 Harrisburg, Pa.
 St. Clair, Pa.
 Deal, N. J.
 Long Branch, N. J.
 Rock Island, Ill.
 Altoona, Pa.
 Westmoreland Hills, Md.
 Pittsburgh, Pa.
 Long Branch, N. J.
 Shreveport, La.
 Charlotte, N. C.
 Asheville, N. C.
 Bound Brook, N. J.
 Miami Beach, Fla.

- Page, William Joe
 Parker, Martin Leonard
 Pedersen, Walton Eugene
 Pettibone, Gerry Earl
 *Phelps, John Howard, Jr.
 Phillips, Charles Wilbert
 *Piasecky, Alex
 Pierce, Carl P.
 Pittenger, Tress E., Jr.
 Platt, Harold Eugene
 Pope, Warren House
 *Primel, Paul Edward
 Profenius, Henry Charles
 *Prothro, James Thompson
 Puder, Robert S.
 Purcell, Eugene George, Jr.
 Read, Bayard Taylor
 *Rees, Roberts M.
 Reisner, Leon, Jr.
 Richmond, Charles Kemper
 Ritter, John Beatty, Jr.
 *Rodgers, Billy Ansley
 Rohrbach, Clayton John, Jr.
 Ross, Robert Harlan
 Rouse, Robert Kelly
 *Rowe, Charles Austin
 Rudolph, Charles William
 Ryan, Thornton Atkinson
 Sanderson, Robert A.
 *Sargent, Edward Albert
 Satterfield, James Ernest
 *Sauer, Richard Henry
 *Schenkemeyer, William Lee
 Schooley, James Robert
 Scott, Harley Augustus, Jr.
 *Scott, Robert Thornton
 Sellers, Frank Edwin
 Senhauser, William Evans
 Shackelford, Walter Eugene
 *Shepard, Allen Samuel
 Shivers, Joseph Clois
 Shubrick, Edmund Templar
 *Siegfried, Winston Thomas
 Simpson, Joseph Bradford, Jr.
 Smith, Allan Clifford
 Smith, Gerald Norton
 Smith, William B.
 Smith, Willis, Jr.
 *Smitheal, Green William, Jr.
 Snyder, John P.
 Somerville, Donald L.
 Spence, James Harrison
 *Spencer, Richard Payne
 Spuhler, Raymond Henderson
 *Stanley, William E., Jr.
 Stedman, William David
 Steel, Charles Leighton
 Stell, Franklin Howard
 *Stetler, Edwin L.
 Moncks Corner, S. C.
 Brooklyn, N. Y.
 Durham, N. C.
 High Point, N. C.
 Hartford, Conn.
 Clairton, Pa.
 Jeannette, Pa.
 Greenville, N. C.
 Akron, O.
 Malba, Long Island, N. Y.
 Durham, N. C.
 Creeson, Pa.
 Millville, N. J.
 Memphis, Tenn.
 West Orange, N. J.
 Erwin, N. C.
 Trenton, N. J.
 Akron, O.
 Long Branch, N. J.
 St. Joseph, Mo.
 Mt. Lebanon, Pa.
 Lakeland, Fla.
 Corning, N. Y.
 Helena, Ark.
 Lexington, Ky.
 Dallas, Tex.
 Tucson, Ariz.
 Greenville, N. C.
 Aurora, Ill.
 Arlington, N. J.
 Durham, N. C.
 Upper Darby, Pa.
 Johnstown, Pa.
 Wyoming, Pa.
 Kannapolis, N. C.
 Richmond, Va.
 Norfolk, Va.
 Zanesville, O.
 Durham, N. C.
 Palm Beach, Fla.
 Riverton, N. J.
 St. Petersburg, Fla.
 Richmond, Va.
 Charlotte, N. C.
 W. Hartford, Conn.
 Elmira, N. Y.
 E. Orange, N. J.
 Raleigh, N. C.
 Dyersburg, Tenn.
 Churchville, N. Y.
 Cumberland, Md.
 Cleveland Heights, O.
 Raleigh, N. C.
 Johnstown, Pa.
 Durham, N. C.
 Asheboro, N. C.
 W. Englewood, N. J.
 Durham, N. C.
 Harrisburg, Pa.

- Stevenson, Donald
 Stewart, Robert De Verter
 *Stonesifer, Edward Arthur, Jr.
 Stow, James Henry
 Surlas, Fred Achilles, Jr.
 Swenson, Ralph Martin, Jr.
 Talton, Wade Turnage
 Taylor, Franklin Walter
 Tennenbaum, Alfred I.
 Thomas, William Milton
 Thompson, Arthur Blair
 Thompson, Paul Claytor
 *Trakas, George Andrew
 Tucker, John Wilson
 Tuke, Theodore Robert
 *Turner, Robert Russell
 Underwood, J. Harry
 *Vick, Joe Pitts
 *Vidal, Eugene Clark
 *Vogel, Sheldon Alfred
 Vogel, Victor L.
 Walker, Herbert William
 Walker, James Hunt
 *Wallace, O. Clare
 *Warke, Henry James
 Warren, George Willis, Jr.
 *Wartman, William Dorrance
 *Weaver, Robert Glenn
 *Welsh, Glenn Flournoy
 Whitcomb, Wayne Phillip
 White, Zach Toms
 *Willets, Charles Augustus
 Williams, Charles Bray
 Wilson, Albert Henry
 Wilson, Henry Hall, Jr.
 Wilson, Richard Moody
 *Wilson, Robert Addison
 Wolff, Robert Alfred
 *Woolley, John Russell, Jr.
 *Wright, Samuel Ernest
 *Zinn, Charles Andrew
- Meriden, Conn.
 Hershey, Pa.
 Baltimore, Md.
 Durham, N. C.
 Mt. Vernon, O.
 Meriden, Conn.
 Smithfield, N. C.
 Morristown, Tenn.
 South Amboy, N. J.
 Scranton, Pa.
 York, Pa.
 Reidsville, N. C.
 Gastonia, N. C.
 Mt. Holly, N. C.
 Rochester, N. Y.
 Butler, Pa.
 Middlesex, N. Y.
 Greensboro, N. C.
 Spring Valley, N. Y.
 Brooklyn, N. Y.
 Sterling, Kan.
 Woodhaven, N. Y.
 Raleigh, N. C.
 Washington, Pa.
 W. Atlantic City, N. J.
 Spring Hope, N. C.
 Charlotte, N. C.
 Terre Hill, Pa.
 Shreveport, La.
 Keene, N. H.
 Hertford, N. C.
 Flushing, N. Y.
 Shiloh, N. C.
 Winston-Salem, N. C.
 Monroe, N. C.
 Ridgewood, N. J.
 Shrewsbury, N. J.
 Woodmere, N. Y.
 W. Long Branch, N. J.
 Rocky Mount, N. C.
 Altoona, Pa.

SPECIAL STUDENTS

- **Bolte, Henry Ferdinand
 **Brown, B. Horace
 Byerly, Manly Holdt
 Klavan, Morris Solomon
 Persons, Walter Scott
 Williams, Bailey Needham
 Wilson, Earl Way
- Elmhurst, N. Y.
 Maryville, Tenn.
 Lexington, N. C.
 Durham, N. C.
 Durham, N. C.
 Shiloh, N. C.
 Durham, N. C.

THE WOMAN'S COLLEGE

FRESHMAN CLASS

- Abbott, Molly Eldred
 Allard, Margaret Louise
 Alley, Edith Lewis
- Chicago, Ill.
 Steubenville, O.
 West Palm Beach, Fla.

** In Duke Law School.

- Andrews, Phyllis Jane
 Armistead, Gloria May
 Atkinson, Martha Jean
 Axton, Barbara Joan
 Bach, Betty Jane
 Bacon, Margaret Elizabeth
 Barber, Mary Nancy
 Barkwell, Jean Eleanor
 Barnhardt, Helen McGill
 Barthen, Jacqueline
 Baumgartner, Nancy Jean
 Bayes, Anne Elizabeth
 Beaver, Josephine
 Beckert, Shirley Louise
 Bell, Thalia Holland
 Bivins, Ruby Mae
 Black, Martha Elizabeth
 Blackburn, Lillian Ione
 Blake, Helen Porter
 Bloom, Dolores
 Blue, Lucile Edgerton
 Boddie, Harriet Susan
 Bogert, Esther Eoline
 Boren, Betty Lee
 Brett, Elizabeth Ann
 Brimberry, Frances Anne
 Broocks, Mary Powers
 Brown, Margaret Daves
 Brown, Nancy Jean
 Bruce, Doris Brinkley
 Budge, Lavonné Leigh
 Burroughs, Anne Stapley
 Butler, Rosemary Katherine
 Buttle, Barbara Louise
 Cardo, Augusta Patricia
 Carlton, Margie
 Cassady, Mary Ann
 Cauldwell, Eleanor Thackara
 Check, Ellen Bernard
 Christodoulou, Marie Nicholas
 Clark, Mary Ann
 Coble, Eugenia Elizabeth
 Coe, Jean Blair
 Colbert, Jeanne
 Colella, Philomena
 Collins, Genevieve Cecilia
 Cone, Patricia
 Cooke, Edith Celestia
 Currie, Virginia Dare
 Dameron, Sarah Elizabeth
 Dann, Rosemary
 Davis, Elizabeth Susan
 Decker, Shirley Margaret
 Dill, Doris Marguerite
 Donegan, Mildred Alice
 Dravo, Marguerite deVere
 Duncan, Kathleen Gladys
 Durant, Harriet March
 Durner, Hazel Ruth
 Tampa, Fla.
 Roanoke, Va.
 Kansas City, Mo.
 Ft. McPherson, Ga.
 Atlanta, Ga.
 Sandusky, O.
 Asheville, N. C.
 Indiana, Pa.
 Concord, N. C.
 River Edge, N. J.
 Winona, Minn.
 Montgomery, W. Va.
 Albemarle, N. C.
 West Orange, N. J.
 Shaker Heights, O.
 Hillsboro, N. C.
 New Martinsville, W. Va.
 Miami, Fla.
 Tarboro, N. C.
 Miami Beach, Fla.
 Clarksville, Tenn.
 Durham, N. C.
 Southboro, Mass.
 Dayton, O.
 Fort Knox, Ky.
 Miami Beach, Fla.
 Durham, N. C.
 Pittsburgh, Pa.
 Bartlesville, Okla.
 Durham, N. C.
 West Palm Beach, Fla.
 Metuchen, N. J.
 Washington, D. C.
 Arlington, N. J.
 Charlotte, N. C.
 Tampa, Fla.
 Park Ridge, Ill.
 Fitchburg, Mass.
 Durham, N. C.
 Welch, W. Va.
 Washington, D. C.
 Durham, N. C.
 Ft. Belvoir, Va.
 Washington, D. C.
 Durham, N. C.
 Kingsport, Tenn.
 East Hampton, Conn.
 Durham, N. C.
 Whiteville, N. C.
 Durham, N. C.
 North Plainfield, N. J.
 Richmond, Va.
 Southbridge, Mass.
 Kirkwood, Mo.
 Largo, Fla.
 Louisville, Ky.
 Durham, N. C.
 Mobile, Ala.
 Waterbury, Conn.

Eldredge, Geneva Edwina
 Enslin, Joyce Elizabeth
 Erganbright, Margery Dean
 Evans, Dorothy Elaine
 Field, Barbara Shreve
 Fisher, Dorothy Chamberlain
 Fletcher, Anne Katherine
 Fonville, Irene Love
 Ford, Elise Trowbridge
 Ford, Grace Pullen
 Foster, June Dorrance
 Fouch, Ann
 Fountain, Vernon Hope
 Fouraker, Betty June
 Freeman, Carol
 Froass, Mary Constance
 Fuller, Susan Elizabeth
 Gaddy, Dorothy
 Gallagher, Mary Elizabeth
 Garver, Jane Carolyn
 Gaskins, Mary Elizabeth
 Gauchat, Joan Marie
 Geyer, Mary Adeline
 Gibson, Daphne
 Gilliam, Betty Jean
 Gilmore, Ruth
 Glen, Cecilia Whaley
 Goodnow, Virginia
 Goodwin, Helen Dyer
 Gordon, Jesse Hargrave
 Gray, Virginia
 Grebe, Camilla Anne
 Green, Betty Josephine
 Green, Janet Marie
 Green, Pauline Anne
 Greenwell, Merthel
 Groome, Dottie Dare
 Gwaltney, Mary Carolyn
 Haering, Helen Elizabeth
 Harwood, Joan
 Hawkins, Virginia Cecil
 Hays, Barbara Steffen
 Hege, Margaret Elizabeth
 Heim, Peggy
 Hightower, Dorothy Rose
 Hillman, Anne Warlick
 Hones, Marguerite Louise
 Hoover, Sylvia Joan
 Horsley, Catherine Jean
 Horton, Janet Van Rensselaer
 Hostetter, Margaret Jane
 Howard, Emily Jane
 Howe, Betty
 Howell, Lotta Jeanne
 Hubbell, Lydia Rosemary
 Humphrey, Patricia Louise
 Hurley, Susanne Headen
 Iams, Kathrine Virginia
 Ingram, Frances Josephine
 Orleans, Mass.
 New York, N. Y.
 New Albany, Ind.
 Washington, Pa.
 Arlington, Va.
 Wysox, Pa.
 Durham, N. C.
 Durham, N. C.
 Fort Sill, Okla.
 Milford, Conn.
 Burlington, Vt.
 Orrville, O.
 Tarboro, N. C.
 Raleigh, N. C.
 Sunbury, Pa.
 Oneida, N. Y.
 Durham, N. C.
 Durham, N. C.
 Wilmington, N. C.
 Harrisburg, Pa.
 New Bern, N. C.
 Canton, O.
 South Bend, Ind.
 Durham, N. C.
 Coral Gables, Fla.
 Fayetteville, N. C.
 Edisto Island, S. C.
 Keene, N. H.
 Pittsfield, Mass.
 Lexington, N. C.
 Oyster Bay, N. Y.
 Hollis, N. Y.
 Downey, Ill.
 Columbus, O.
 Louisville, Ky.
 Durham, N. C.
 Atlanta, Ga.
 Osceola, Ark.
 Petersburg, Va.
 Park Ridge, Ill.
 Bloomfield, N. J.
 DeLand, Fla.
 Winston-Salem, N. C.
 Sunbury, Pa.
 Wadesboro, N. C.
 Rocky Mount, N. C.
 Roscoe, N. Y.
 Durham, N. C.
 Miami, Fla.
 Geneseo, N. Y.
 Matawan, N. J.
 Northboro, Mass.
 Cordova, Ala.
 Rock Hill, S. C.
 Coral Gables, Fla.
 Mountain Lakes, N. J.
 Greensboro, N. C.
 Tulsa, Okla.
 High Point, N. C.

- Jackson, Betty Lou
 Jaffe, Rosemae
 Johnson, Natalie Kristina
 Johnson, Shirley Mae
 Jones, Marjorie May
 Jones, Mary Elizabeth
 Kane, June Lillian
 Kansteiner, Helen Ruth
 Kauffman, Dorothy Jeanne
 Kearns, Susan
 Kent, Marjorie Raylor
 Kindler, Helen Yvonne
 King, Carolyn
 Knowles, Marjorie Irene
 Lamborn, Lillian Jeanne
 Laws, Nancy Lee
 Lawson, Syble Leone
 Lee, Maren Theodora
 LeVan, Marion Elizabeth
 Levy, Merle Jane
 Lineberger, Anne Simpson
 Long, Agnes Christie
 Lowenstein, Ruth
 Luessenhop, Barbara Ann
 Lummis, Frances Lytle
 Lurba, Madeleine Mary
 McClenaghan, Ann Whitaker
 McColl, Jean Elizabeth
 McCool, Carol Jane
 McDaniel, Marilyn Eloise
 McDonald, Ruth Reade
 McFadyen, Elizabeth Ann
 McKelvie, Ruth Campbell
 Maddox, Mildred Mitchell
 Magill, Sara Kennedy
 Magness, Nell Rachel
 Manny, Gloria Edythe
 Martch, Jeanne Marie
 Martin, Jean Drew
 Mason, Faith Carmen
 Mathews, Emily Marcella
 Matthews, Helen Elizabeth
 Mayhew, Barbarajane
 McCall, June
 Meister, Dagmar Amy
 Merritt, Mary Louise
 Michelson, Inge Karin
 Mickelsen, Patricia Anne
 Millner, Lillian Dobbs
 Moore, Tacy Morgan
 Moore, Virginia Lee
 Mordecai, Ellen
 Morris, Suzanne
 Morrison, Harriet Marie
 Morrison, Mary Ann
 Moskowitz, Ernestine
 Murdock, Shirley Marion
 Nash, Nancy MacLeod
 Nelson, Arlyn
 Framingham, Mass.
 Durham, N. C.
 Miami, Fla.
 Lakewood, N. J.
 Milwaukee, Wis.
 Webster Groves, Mo.
 Jamaica, N. Y.
 Basking Ridge, N. J.
 Leesburg, Fla.
 Welch, W. Va.
 Ridgewood, N. J.
 Jessups, Md.
 Marion, O.
 Fairmont, W. Va.
 Shrewsbury, N. J.
 Chevy Chase, Md.
 Durham, N. C.
 West Hempstead, N. Y.
 Pittsburgh, Pa.
 West Hartford, Conn.
 Raleigh, N. C.
 Durham, N. C.
 New York, N. Y.
 Westfield, N. J.
 Spartanburg, S. C.
 Washington, D. C.
 Raleigh, N. C.
 Ridgewood, N. J.
 Great Neck, N. Y.
 Washington, D. C.
 Durham, N. C.
 Fayetteville, N. C.
 Huntsville, Ala.
 Thomasville, N. C.
 Chester, S. C.
 Spartanburg, S. C.
 New York, N. Y.
 Fairmont, W. Va.
 Rochester, N. Y.
 Boston, Mass.
 Jacksonville, Fla.
 Durham, N. C.
 Miami, Fla.
 Charleston, S. C.
 New York, N. Y.
 Mount Airy, N. C.
 Patchogue, N. Y.
 Virginia Beach, Va.
 Miami Beach, Fla.
 Daytona Beach, Fla.
 Baltimore, Md.
 Raleigh, N. C.
 New York, N. Y.
 Birmingham, Ala.
 Indianapolis, Ind.
 Newport News, Va.
 Ft. Lauderdale, Fla.
 Fort Myers, Fla.
 Sharon, Mass.

Nicholson, Martha
 Noble, Dorothy Harcourt
 Obermaier, Margaret Elizabeth
 Olive, Betsy Ann
 O'Neal, Joan
 Paradies, Doris Harriett
 Parker, Elizabeth George
 Paty, Helen Leone
 Paty, Jo Anne
 Penn, Betty Belle
 Perkins, Eunice Myrtle
 Permenter, Martha Ethel
 Petre, Ursula Viola
 Phipps, Carol King
 Pierce, Margaret Evelyn
 Pine, Elizabeth Carr
 Poole, Madge
 Poole, Margaret Virginia
 Poole, Nell
 Popham, Valerie Lee
 Porter, Sarah
 Rahily, Kathleen McClure
 Rake, Margaret Evelyn
 Ramsburgh, Julia Maynard
 Ramsey, Barbara
 Randolph, Frances Madeline
 Rankin, Betsy Brandon
 Rankin, Eleanor Lambeth
 Read, Cynthia Lowe
 Reep, Wilda Elizabeth
 Register, Anna Lee
 Richards, Memory Fay
 Richardson, Frances Claire
 Riggles, Jean Van Horn
 Rikert, Camilla
 Rile, Harriet Harvey
 Roach, Eleanor Lee
 Rockafellow, Frances Ethel
 Ronk, Alice Edwina
 Ryon, Mary Elizabeth
 Schlueter, Alice Hazel
 Scholl, Mary Katherine
 Scholz, Elizabeth Anne
 Schroder, Margaret Pauline
 Schulken, Mildred Deppe
 Seidenman, Joan
 Sellers, Virginia Lee
 Shapleigh, Virginia
 Shore, Ruth Long
 Siegel, Leona Beatrice
 Snyder, Cora Crawford
 Spach, Mary Evelyn
 Sprague, Marian Alice
 Sprunt, Edna Magnus
 Starnes, Elizabeth Colclough
 Stoddard, Donna Elizabeth
 Stoff, Myra
 Straughn, Carolyn Elizabeth
 Streeter, Beverly Marie
 Statesville, N. C.
 Easton, Md.
 York, Pa.
 Durham, N. C.
 Greensboro, N. C.
 Atlanta, Ga.
 Chevy Chase, Md.
 Porterdale, Ga.
 Elizabethton, Tenn.
 Big Spring, Tex.
 Bath, Me.
 Jacksonville, Fla.
 Carlisle, Pa.
 Clintwood, Va.
 Southern Pines, N. C.
 Washington, D. C.
 Troy, N. C.
 Kitzmiller, Md.
 Troy, N. C.
 Washington, D. C.
 Joplin, Mo.
 Petersburg, Va.
 Philadelphia, Pa.
 Frederick, Md.
 Washington, D. C.
 Baltimore, Md.
 Concord, N. C.
 Durham, N. C.
 Miami Beach, Fla.
 Durham, N. C.
 Greenville, N. C.
 Columbus, Ga.
 West Hartford, Conn.
 Washington, D. C.
 Mt. Hermon, Mass.
 Philadelphia, Pa.
 Norfolk, Va.
 Battle Creek, Mich.
 Suffern, N. Y.
 Washington, D. C.
 Orange, N. J.
 Charlotte, N. C.
 Birmingham, Ala.
 Durham, N. C.
 Durham, N. C.
 Philadelphia, Pa.
 Port Huron, Mich.
 Wilmington, Del.
 Winston-Salem, N. C.
 Maplewood, N. J.
 Shepherdstown, W. Va.
 Winston-Salem, N. C.
 Salamanca, N. Y.
 Winston-Salem, N. C.
 Cherryville, N. C.
 North Newington, Conn.
 Brooklyn, N. Y.
 Durham, N. C.
 Schenectady, N. Y.

Succop, Oneita Ann	Freehold, N. J.
Sugg, Dorothy Elizabeth	Durham, N. C.
Super, Mary Virginia	Petersburg, Va.
Swisher, Betty Lee	Levels, W. Va.
Tall, Nancy Lee	Roanoke, Va.
Taylor, Marguerite Getaz	Morristown, Tenn.
Tearse, Barbara Ann	Winona, Minn.
Thompson, Billie Katherine	Coral Gables, Fla.
Thompson, Celia Mae	Durham, N. C.
Thompson, Vivette	Winnetka, Ill.
Tiedeman, Carol Irene	Mahwah, N. J.
Tilden, Mary Weatherly	Jamestown, N. C.
Tipton, Evelyn Miller	Goochland, Va.
Tobey, Elizabeth Carol	Warsaw, Wis.
Totman, Virginia Louise	Linthicum, Md.
Trout, Antoinette Geraldine	Jacksonville, Fla.
Turrell, Carolyn Ruth	Urbana, O.
Wade, Helen Sylvia	Pittsfield, Mass.
Wahmann, Nancy Bidgood	Moultrie, Ga.
Walker, Ann	Hyattsville, Md.
Walker, Anna Jean	Durham, N. C.
Walker, Doreen Virginia	Mamaroneck, N. Y.
Ware, Norma	Macon, Ga.
Watlington, Laura Lynn	Morganton, N. C.
Wetmore, Marion Dare	Durham, N. C.
Whitlinger, Anne Louise	Pittsburgh, Pa.
Williams, Sharlot Jane	Kirkwood, Mo.
Wilson, Betty Ann	Hampton, Va.
Wilson, Elizabeth Fussell	Rose Hill, N. C.
Wilson, Rose Marian	Rittman, O.
Wood, Lois Edna	Salisbury, Md.
Woodard, Edna Gay	Wilson, N. C.
Woodruff, Ann	Clermont, Fla.
Wyman, Marjorie Belle	St. Clairsville, O.
Yeager, Eddie Cornelia	Fort Worth, Tex.
Young, Carolyn Katherine	Fort Monroe, Va.

SOPHOMORE CLASS

Asterisk indicates that the student has not attained full class standing in hours or quality points.

Acher, Frances	Winter Park, Fla.
Adams, Luane Everett	Jonesboro, Ark.
Adams, Marybelle	Skillman, N. J.
Addington, Patricia Jean	Fayetteville, N. C.
Aeugle, Margaretta Elizabeth	Philadelphia, Pa.
Alden, Lorraine Jeannette	Amston, Conn.
Alexander, Margaret Elizabeth	Charlotte, N. C.
Allen, Elizabeth Jeanne	Wilmington, Del.
*Allison, Mary LaRue	Charlotte, N. C.
Atkinson, Anna Mae	Wadesboro, N. C.
*Aveyard, Audrey Marie	Evanston, Ill.
Bailey, Loui Lloyd	Richmond, Va.
Bankhardt, Mary Katherine	Fort Thomas, Ky.
Banks, Katherine McWilliams	Hickory, N. C.
Barnwell, Ruth Marshall	Florence, S. C.
Barry, Ann Lenore	Durham, N. C.
Beattie, Catherine Taylor	Winchester, Va.
Bell, Inza Tomlinson	Wilson, N. C.
Bentley, Nancy Joyce	Ravenna, O.

Blomberg, Mildred Jean	Durham, N. C.
Bloom, Shirley Elayne	Miami Beach, Fla.
Bonnabeau, Jeanne Adele	Crawford, N. J.
Brewer, Betty	Red Springs, N. C.
Broadhurst, Nancy Lee	Brooklyn, N. Y.
Brogden, Dorothy Lee	Durham, N. C.
Brooks, Helen	Bryson City, N. C.
Brown, Mary Anne	Washington, D. C.
Bryan, Frances Ellen	Durham, N. C.
Bulloch, Martha Kyle	Roanoke, Va.
Bunker, Dorothy Koontz	Mount Airy, N. C.
Bunting, Helen Lindsay	Oxford, Pa.
*Bunting, Sarah Ansley	Columbus, Ga.
Burchett, Mary Elizabeth	Suffolk, Va.
Calvert, Barbara Anne	Atlanta, Ga.
Campbell, Constance Gertrude	Habana, Cuba
Campbell, Eleanor Anne	Durham, N. C.
Campbell, Judith Winn	Louisville, Ky.
Campion, Catherine Agatha	Philadelphia, Pa.
*Cheek, Marion Hunter	Durham, N. C.
Cline, Sara Evelyn Frances	Durham, N. C.
Coggin, Mary Elizabeth	Raleigh, N. C.
Conaway, Ruth Beach	Pittsburgh, Pa.
*Conor, Dolores Marie	Ridgefield, N. J.
Cotten, Annie Laura	Stem, N. C.
Coursen, Catherine Cissel	Edgewater, Md.
Cox, Bessie Alston	Columbus, Miss.
Crone, Elsie Mae	Detroit, Mich.
Crooks, Janet Louise	Morrisville, Pa.
Cross, Alice Eloise	Wynnewood, Pa.
Crossan, Laura Marian	Wadsworth, O.
Crouse, Willena Heafner	Durham, N. C.
Crowder, Gloria Mae	Silver Springs, Md.
Dameron, Lillian Sybil	Durham, N. C.
Davis, Ann Minerva	Durham, N. C.
Davis, Annette K.	Washington, D. C.
Deal, Mildred Emmie	Jasper, Tex.
Dickson, Shirley Louise	Winston-Salem, N. C.
Dilts, Elizabeth	Durham, N. C.
Distler, Jean Ann	Louisville, Ky.
Dodd, Lucy Jane	Beaumont, Tex.
Driscoll, Dale Marie	Montclair, N. J.
Dykes, Beverly Primrose	Bound Brook, N. J.
Dysart, Juliana	Elko, Nev.
Elder, Geraldine	Durham, N. C.
Elmore, Margaret Seiga	Painter, Va.
Eppstein, Phyllis Sanley	Toledo, O.
Erwin, Nancy Cranston	Bethlehem, Pa.
Etzel, Vivien	Little Neck, N. Y.
Firestone, Elizabeth Anne	Lisbon, O.
*Fountain, Annie Ruth	Tarboro, N. C.
Fowler, Betty	Tampa, Fla.
Frantz, Emilie Nofer	Kingston, Pa.
Freels, Mary Nelson	Miami, Fla.
Frizzelle, Jennie Brown	Durham, N. C.
Frost, Harriet Norma	Newport News, Va.
Fulk, Frances Houston	Spencer, N. C.
Gault, Helen Elizabeth	Sarasota, Fla.
Gilliam, Kathryn Margaret	Coral Gables, Fla.

- Glaubitz, June Lee
 Goode, Georgellen
 Gordon, Mary Lindsay
 Gordon, Phyllis Anne
 Grant, Joy
 Grice, Margaret Ruth
 Hance, Audrey Beryl
 Harris, Sybil Carter
 Harrison, Frances Rebecca
 Hebble, Dorothy Angelene
 Hedrick, Julia Sneed
 Helmich, Anne Shirley
 Hinely, Annette
 Hockfield, Marjorie Primakoff
 Hodge, Mary Louise
 Holcombe, Beth
 Huemer, Frances Evelyn
 Isley, Judith Armistead
 Jansen, Phyllis Elaine
 Jeschke, Barbara Ann
 Johnson, Carolyn Frances
 Johnson, Edna Dale
 Johnson, Nancy Fohwell
 Jolly, Ruth Aileen
 Jones, Caroline Moore
 Joyner, Virginia Claire
 Kaufmann, Cathryn Marjory
 Kellogg, Elizabeth Churchill
 Ketchum, Mary Stuart
 Keys, Margaret Elizabeth
 Kindlund, Jean
 King, Elma Carlton
 King, Lora Eileen
 *Kirby, Emmalee Elizabeth
 Kirkmyer, Agnes Weeks
 Koukol, Barbara Boyden
 Kriek, Louise Arizina
 Labs, Dorothy Elinor
 Lambert, Sarah Garner
 Lance, Sarah Allison
 Lander, Barbara
 Lane, Ella Mae
 LaVine, Jean Alice
 Lawrence, Anna Frances
 Lawrence, Elizabeth Biddle
 Lemperly, Joan
 Lepper, Mary Ellen
 Lewis, Elizabeth Fielding
 London, Gwendolyn Evette
 Long, Margaret Elizabeth
 Lucke, Marjorie Esther
 Lukens, Margaret Tyson
 McCauley, Alice Merwin
 McCormick, Margaret Waller
 McDermott, Anna Jeanette
 McKee, Grace Terry
 McKisson, Nancy
 McLendon, Ida Gunn
 Maddox, Eleanor Jean
 Wellston, O.
 Statesville, N. C.
 Lexington, N. C.
 Winston-Salem, N. C.
 North East, Md.
 Washington, D. C.
 Pittsburgh, Pa.
 Durham, N. C.
 Winston-Salem, N. C.
 Newport News, Va.
 Durham, N. C.
 Birmingham, Ala.
 Savannah, Ga.
 Philadelphia, Pa.
 Nashville, Tenn.
 Charleston, W. Va.
 Newark, N. J.
 Hampton, Va.
 Fair Haven, N. J.
 Milwaukee, Wis.
 Upton, Mass.
 Denton, N. C.
 Atlanta, Ga.
 Pittsburgh, Pa.
 Birmingham, Ala.
 Gainesville, Fla.
 Atlanta, Ga.
 New York, N. Y.
 New Rochelle, N. Y.
 Fayetteville, N. C.
 Scituate, Mass.
 Durham, N. C.
 Morrisville, Pa.
 Greensboro, N. C.
 Richmond, Va.
 Ridgewood, N. J.
 Enka, N. C.
 Pitman, N. J.
 Rocky Mount, N. C.
 Clinton, N. C.
 Lincolnton, N. C.
 Rocky Mount, N. C.
 Stillwater, Minn.
 Durham, N. C.
 Swedesboro, N. J.
 Rocky River, O.
 Hastings-on-Hudson, N. Y.
 Miami Beach, Fla.
 Charlotte, N. C.
 Baltimore, Md.
 Toledo, O.
 Atlanta, Ga.
 Greensburg, Pa.
 Miami, Fla.
 Alexandria, Va.
 Meadville, Pa.
 Winnetka, Ill.
 St. Augustine, Fla.
 Fort Bragg, N. C.

- Magnan, June McDonald
 Magoon, Katherine Louise
 Maidenbaum, Lilly Ilse
 *Martin, Grace Evangeline
 Mathison, Rachel Cole
 Matthews, Katherine Elizabeth
 Mattox, Doyne
 Medlicott, Elizabeth
 Mellin, Anne
 Mercer, Margaret Alice
 Merrick, Mary Louise
 Miller, Marjorie Lou
 Minner, Eunice Faye
 Moran, Janet Sheila
 *Morang, Mae Valore
 *Morris, Marian Florine
 Moulton, Ruth Floyd
 Mulligan, Helene Grace
 Murray, Mary Novella
 Narwold, Constance Jean
 Nason, Nancy Margaret
 Neel, Mary Louise
 Nichols, Zora Lois
 Osborne, Phyllis Marie
 Overstreet, Mary Belle
 Parker, Kathryn White
 Pate, Marie Fiquet
 Pelletier, Nancy Jane
 Plyler, Eleanor Kimball
 *Powe, Frances Banks
 Price, Carolyn Louise
 Price, Jeanne
 Rabel, Annale
 Ranger, Mary
 Rauschenberg, Georgia Andrews
 Reed, Marian Leona
 Reynolds, Shirley Rae
 Rockafellow, Margaret
 Rodgers, Mary Gus
 Ruestow, Fides
 Salley, Antoinette
 Samovitz, Zelda May
 Sampson, June Evelyn
 Schmidt, Jean Barbara
 Scholes, Nancy Leigh
 Seawell, Betty Jane
 Seay, Ruth Doris
 Selden, Vida
 Semple, Margaret
 Shive, Shirley Jane
 Shuff, Phyllis Carolyn
 Shumate, Camille Littleton
 Smith, Ella Mae
 Smith, Patricia May
 Smith, Sylvia Stewart
 Smith, Wilma Verniece
 Snyder, Dorothy Dair
 Snyder, Beverly Bennett
 Spangler, Nancy Catherine
 Esopus, N. Y.
 Habana, Cuba
 New York, N. Y.
 Wyomissing, Pa.
 Durham, N. C.
 Durham, N. C.
 Terre Haute, Ind.
 Indianapolis, Ind.
 Gardner, Mass.
 East Orange, N. J.
 Glen Rock, Pa.
 Toledo, O.
 Catasauqua, Pa.
 Chevy Chase, Md.
 Pembroke, Me.
 Atlantic, N. C.
 Mobile, Ala.
 Lakewood, O.
 Durham, N. C.
 Shaker Heights, O.
 Wilmington, Del.
 Thomasville, Ga.
 Homestead, Fla.
 Washington, D. C.
 Jonesboro, Ark.
 Durham, N. C.
 Laurinburg, N. C.
 Frostburg, Md.
 Durham, N. C.
 Durham, N. C.
 Fairfield, Conn.
 Forest Hills, N. Y.
 New Martinsville, W. Va.
 Lynn, Mass.
 Atlanta, Ga.
 St. Petersburg, Fla.
 Gallatin, Tenn.
 Battle Creek, Mich.
 Louisville, Ky.
 Istanbul, Turkey
 Asheville, N. C.
 Poughkeepsie, N. Y.
 Dayton, O.
 Mountain Lakes, N. J.
 Detroit, Mich.
 Carthage, N. C.
 Spencer, N. C.
 Miami, Fla.
 Wynnewood, Pa.
 Belleville, Ill.
 Greenville, N. C.
 Atlanta, Ga.
 Winston-Salem, N. C.
 Newton Highlands, Mass.
 Washington, Ill.
 Durham, N. C.
 Dover, O.
 Patchogue, N. Y.
 Princeton, W. Va.

Spencer, Shirley Mary	Jonesboro, La.
Squire, Nancy Jean	Detroit, Mich.
Stackhouse, Dorothy Lucile	Washington, D. C.
Stark, Marjorie Leigh	Erie, Pa.
*Stewart, Geraldine Gretchen	Durham, N. C.
Stoever, Phyllis Chase	Chevy Chase, Md.
Stout, Barbara Maude	Balboa, Canal Zone
Stribling, Elizabeth Rodway	Washington, D. C.
Sutton, Mary Alice	Tampico, Mex.
*Swigert, Louise Ann	Carlisle, Pa.
Tamarkin, Frances Rae	Youngstown, O.
Taylor, Ruby Lee	Efland, N. C.
Thacker, Bernice Harvill	Disputanta, Va.
Thackston, Frances Venable	Durham, N. C.
Thomas, Dorothy	Clifton, N. J.
Thomas, Margaret	Waycross, Ga.
Thresher, Joyce	Miami Beach, Fla.
Trudell, Evelyn Virginia	Pittsburgh, Pa.
Upshaw, Carolyn Elizabeth	Savannah, Ga.
Walters, Natalie Grace	Summit, N. J.
*Ward, Charlotte Adalaide	New Bern, N. C.
Ward, Virginia Cranston	Cleveland, O.
Warren, Margaret Elizabeth	Shaker Heights, O.
Warren, Mary Alice	Canton, O.
Watkins, Bernetta Jean	Polk, Pa.
Watkins, Dorothy Jeanne	Zanesville, O.
Wearley, Dorothy Virginia	Perrysburg, O.
Wellnitz, Dorothy Ida	Norwalk, Conn.
Whitney, Eleanor Coburn	Greensboro, N. C.
Whitson, Edith Lorraine	Denver, Colo.
Woody, Mary Sievers	Roxboro, N. C.
Wrench, Leonor Vania	Bahia, Brazil
Zerfass, Virginia Betty	Dansville, N. Y.
Zinner, Dora Kathrine	Wilmington, Del.

JUNIOR CLASS

Asterisk indicates that the student has not attained full class standing in hours or quality points.

Ambrose, Marilyn	Westfield, N. J.
Armstrong, Mary Elizabeth	Philadelphia, Pa.
Baca, Antoinette	Earlington, Ky.
Bachman, Gloria Roderick	Catasauqua, Pa.
Baker, Betty	Winnetka, Ill.
Balloch, Elinore Anne	Travelers Rest, S. C.
Barber, Marjorie	Charlotte, N. C.
Bassett, Carol Sebring	Rockford, Ill.
Baylin, Muriel Rosalind	Baltimore, Md.
Beaver, Pauline Harris	Albemarle, N. C.
Bedsworth, Mary Catherine	Willis Wharf, Va.
Bendall, Amanda Lee	Valley Stream, N. Y.
Bishop, Betty May	Chester, Conn.
*Blake, Persis Weare	Bradenton, Fla.
Blount, Margaret Little	Bethel, N. C.
Blume, Shirley Beatrice	Fort Lauderdale, Fla.
Bock, Ann Marie	White Plains, N. Y.
Booe, Alice Lucinda	Asheville, N. C.
Bowne, Henrietta Elizabeth	Washington, D. C.
Bracken, Audrey Olive	Pittsburgh, Pa.
Brinson, Helen Slade	New Bern, N. C.

Brower, Blanna Mathews
 Bussell, Margaret Rose
 Chapman, Helen Elizabeth
 Clark, Frances Eleanor
 Clark, Mary Jane
 Cochran, Frances Donald
 Cochran, Jane
 Cole, Elizabeth Deane
 Cole, Sarah Camille
 Collier, Marjorie
 Collins, Mary Jane
 Cook, Adrienne Elizabeth
 Cooper, Alison Louise
 Cooper, Karleen Bettie
 Craig, Kathryne Taylor
 Cross, Enola Newbold
 Curry, Jane Caroline
 Curtis, Kathleen Maude
 Davis, Ann McCarroll
 Deaton, Mary Elizabeth
 Dell, Mary
 deMerci, Betty Ann
 Deming, Virginia Mae
 Driver, Vivian Lucille
 Dubs, Anne Louise
 *Dugger, Mary Virginia
 Duncan, Constance Lyons
 Dunkelberger, Kathryn Mills
 Eder, Marianne Allen
 Eller, Christine Ann
 Ericson, Betty Louise
 Faucett, Naomi Rachel
 Fisher, Grace Helen
 Flentye, Barbara Millikin
 Frankenhoff, Hilda Louise
 Fries, Barbara Bissell
 Fulton, Ruth Marion
 Goldsmith, Mary Frances
 Goodbody, Virginia Ruth
 Griffin, Fay
 Grose, Ida Mary
 Haley, Leonor Davison
 Hall, Jane Elizabeth
 Hallum, Frances
 *Harper, Charity Anne Rebecca
 Hendrickson, Peggy Jane
 Henninger, Henrietta Flynn
 Herrmann, Elizabeth Margaret
 Hicks, Jane Carol
 Highsmith, Katherine Herring
 Holland, Betty Collier
 Hopkins, Sara Olmstead
 Hughes, Donna Lentz
 Hughes, Jean Carol
 Hutchison, Betty Jenkins
 Jackson, Helen Joan
 Jackson, Jeanne Nancy
 Jarden, Barbara Elizabeth
 Johnson, Elizabeth Ann
 Durham, N. C.
 Durham, N. C.
 Coral Gables, Fla.
 Washington, D. C.
 Jacksboro, Tenn.
 Statesville, N. C.
 Cleveland Heights, O.
 Tulsa, Okla.
 Winston-Salem, N. C.
 Ormond Beach, Fla.
 Quebec, Canada
 San Diego, Cal.
 Winchester, Va.
 Laurel, Miss.
 Asheville, N. C.
 Isabella, Tenn.
 Miami, Fla.
 Jacksonville, Fla.
 Louisville, Ky.
 Greensboro, N. C.
 Moultrie, Ga.
 Tuxedo Park, N. Y.
 Oyster Bay, N. Y.
 Carrollton, Ill.
 Durham, N. C.
 Brodnax, Va.
 Philadelphia, Pa.
 Denver, Colo.
 Forty Fort, Pa.
 Fort Lauderdale, Fla.
 Hastings-on-Hudson, N. Y.
 Durham, N. C.
 Morehouse, Mo.
 Aurora, Ill.
 Everglades, Fla.
 Buffalo, N. Y.
 Lakewood, O.
 Newton, N. J.
 New Rochelle, N. Y.
 Dothan, Ala.
 Pittsburgh, Pa.
 Front Royal, Va.
 Shaker Heights, O.
 Rockingham, N. C.
 Habana, Cuba
 Darlington, S. C.
 Allentown, Pa.
 York, Pa.
 Baltimore, Md.
 Raleigh, N. C.
 Statesville, N. C.
 Habana, Cuba
 Allentown, Pa.
 East Stroudsburg, Pa.
 Charlotte, N. C.
 Alma, Mich.
 Wilmington, N. C.
 Upper Darby, Pa.
 Alexandria, Va.

- *Johnson, Frances Norman
 Jones, Barbara Ann
 Jossman, Sally
 Kerns, Nannie Lou
 Knight, Jean Dixon
 Kolb, Ruth Ellen
 Lake, Carol Georgette
 Lavington, Doris Nona
 Lednum, Ethel Anna
 *Lee, Lillian Armfield
 Ludt, Sara Jane
 Macalister, Mary
 McCoy, Marianne
 Mackall, Mary Evelyn
 MacNeill, Mary Barnes
 McRae, Eleanor Andrews
 McRae, Octavia
 Mann, Naomi Aiken
 Marshall, Margaret Lee
 Martin, Beulah Doris
 Merritt, Zillah Johnson
 Miner, Helen Louise
 *Mixson, Carolyn Joyce
 Moore, Ann Curtis
 Moore, Grace Danley
 Moray, Norma Helen
 Morgan, Dorothy May
 Morrison, Anne Wikoff
 Morrison, Leila Alston
 Mosler, Jacquelyn
 Neaves, Rosamond
 Norton, Margaret Anne
 Peeler, Annie Laurie
 Pipper, Joyce Celia
 Pitts, Marion Coleman
 Pohl, Marian Evelyn
 Price, Eva Louise
 Prizer, Elizabeth Gertrude
 Purcell, Jean Henderson
 Rankin, Ellen Weedon
 Raupagh, Catherine
 Rehkopf, Donna Claire
 Reichert, Mary Louise
 Rey craft, Joan Marie
 Richards, Martha Frances
 Roess, Ann Anderson
 Rooker, Gladys Virginia
 Ross, Margaret Elaine
 Royal, Dorothy Ruth
 *Ruckel, Ramonde
 Rudisill, Anna Jane
 Rutledge, Nina Frances
 Sandridge, Lucy Lee
 Saturday, Florence Gwendolyn
 Schule, Alice Watkins
 Schulein, Dorothy Ann
 Shackford, Elizabeth Bland
 Smith, Jo Mae
 Smith, Terrell Louise
 Weldon, N. C.
 Warren, Mass.
 Pontiac, Mich.
 Durham, N. C.
 Baltimore, Md.
 Worcester, Mass.
 Newark, N. J.
 Brightwaters, N. Y.
 Sayville, N. Y.
 Roanoke Rapids, N. C.
 Chevy Chase, Md.
 Wilmette, Ill.
 Durham, N. C.
 Mackall, Md.
 Maxton, N. C.
 Fayetteville, N. C.
 Rockingham, N. C.
 Durham, N. C.
 Vinton, Va.
 Malverne, N. Y.
 Gainesville, Ga.
 Wilksburg, Pa.
 Beaumont, Tex.
 Louisville, Ky.
 Pittsburgh, Pa.
 New York, N. Y.
 Providence, R. I.
 New Brunswick, N. J.
 Concord, N. C.
 Palm Beach, Fla.
 Elkin, N. C.
 Philadelphia, Pa.
 Memphis, Tenn.
 Moorestown, N. J.
 Charlotte, N. C.
 Baltimore, Md.
 Ashland, Ky.
 Mauch Chunk, Pa.
 Round Hill, Va.
 Concord, N. C.
 Grosse Pointe, Mich.
 Berwyn, Ill.
 Miami, Fla.
 Cleveland, O.
 Columbus, Ga.
 Jacksonville, Fla.
 Norlina, N. C.
 Newark, N. J.
 Shelby, Mich.
 Valparaiso, Fla.
 Hagerstown, Md.
 Durham, N. C.
 Charlotte, N. C.
 Durham, N. C.
 Washington, D. C.
 New York, N. Y.
 Rock Hill, S. C.
 Toccoa, Ga.
 Rockingham, N. C.

Snyder, Annabelle Cora	Slatington, Pa.
Spangler, Elisabeth	Bound Brook, N. J.
Spann, Yvonne Marie Jeanne	Collingswood, N. J.
Starke, Sally Moore	Bristol, Va.
Stenhouse, Marjorie	Goldsboro, N. C.
Stephens, Joanne Colliver	Aurora, Ill.
Stowe, Margaret Osborne	Asheboro, N. C.
Sturtevant, Jean Margaret	Erie, Pa.
Tarpley, Nancy Eleanor	Washington, D. C.
Taylor, Elizabeth McCaw	Winston-Salem, N. C.
Taylor, Mary Augusta	Roanoke Rapids, N. C.
Thomas, Mary Ellen	Raeford, N. C.
Thompson, Elva Anne	Shelby, N. C.
Thompson, Lucy Helen	Durham, N. C.
Tobias, Anne Joy	Fort McPherson, Ga.
Turner, Mary Hall	Miami, Fla.
Vandegriff, Sara Anne	Atlanta, Ga.
Van Kleeck, Caroyl Lee	Brooklyn, N. Y.
Varnes, Anna Barbara	Wilmington, Del.
Watkins, Kathleen Hamlin	Durham, N. C.
Webster, Mary Stuart	Haddon Heights, N. J.
Webster, Sheena Mary	Westfield, N. J.
Wells, Jean Esther	Dormont, Pa.
Weston, Sara Elizabeth	Warren, O.
Westwood, Nina Evelyn	St. Petersburg, Fla.
Wheatley, Sara Elizabeth	Chestertown, Md.
Williams, Joanne Coby	Kirkwood, Mo.
Williams, Rosalie	Max Meadows, Va.
Woodhull, Jean Clarke	Bethlehem, Pa.
Woods, Peggy	Miami, Fla.
Woolley, Carolyn Jowitt	Maplewood, N. J.
Wrenn, Nancy Vestal	Southern Pines, N. C.
Young, Mary Elizabeth	Cuyahoga Falls, O.

SENIOR CLASS

Asterisk indicates that the student has not attained full class standing in hours or quality points.

Algranti, Rosalie	Durham, N. C.
Baldwin, Anna Kate	Sussex, N. J.
Ballard, Jane Elizabeth	East Orange, N. J.
Bandy, Evelyn Boyer	Old Greenwich, Conn.
Barnhill, Rebecca Arrington	Rocky Mount, N. C.
Barrett, Sue	Atlanta, Ga.
Baskin, Alma Dean	Petersburg, Va.
Bates, Virginia	Philadelphia, Pa.
Bell, Sara Elizabeth	Dillon, S. C.
Bender, Sarah Joan	Akron, O.
Benz, Loraine Lyle	Marengo, Ind.
Bergen, Mildred Marie	Wilmington, Del.
Binder, Ruth Margaret	Leonia, N. J.
Bishop, Dorothy Louise	Rutherford, N. J.
Booe, Sarah Anne	Asheville, N. C.
Breithaupt, Edna Mary	Phoenicia, N. Y.
Breth, Eleanor Anne	Chillicothe, O.
Brotzman, Pearl Catherine	Easton, Pa.
Brown, Josephine Camilla	Hempstead, N. Y.
Bruce, Frances Catherine	Durham, N. C.
Bruzgo, Florence Elizabeth	Summit Hill, Pa.
Bulluck, Maude Southerland	Wilmington, N. C.

- Cantor, Deborah
 Carver, Nancy Agnes
 Chivers, Frances Elizabeth
 Clark, Elizabeth Virginia
 Clarke, Genedick Maxwell
 Clusman, Mildred Virginia
 Colyer, Mary Ross
 Coma, Marie Antoinette
 Conly, Marie Louise
 Connar, Virginia Anne
 Cook, Janice Allyn
 Corpening, Mary Watson
 Cosler, Barbara Ann
 Cowles, Mary Elizabeth
 Craig, Frances Jane
 Dabney, Sarah Comer
 Davis, Eloise
 Davis, Marion Hilda
 DeCormis, Betty Belle
 DeMarco, Theresa Lucille
 Dennis, Ninette Crawford
 Deshon, Mary Abbie
 Donald, Margaret Caldwell
 Dow, Barbara Skinner
 Dubs, Elizabeth Jean
 Dworsky, Sara Lee
 Edwards, Frances Eulabell
 Edwards, Mary Jane
 Elliott, Mary Virginia
 Emerson, Laura
 Ermilio, Gloria
 Falls, Isabelle Rae
 Fischer, Marjorie Jean
 Forsberg, Margaret Eugenia
 Gehres, Barbara Ann
 Gerlach, Mildred Amelia
 Gift, Janet Eleanor
 Goddard, Doris Lillian
 Goldberg, Harriett Elsa
 Haislip, Anne Elizabeth
 Hall, Elizabeth Ann
 Hall, Jean Marie
 Hardin, Helen Kerenhappuch
 Harpster, Katherine Rose
 Hatheway, Elizabeth Cordelia
 Hodgson, Marjorie
 Hough, Elizabeth Whiteman
 Hull, Sue Virginia
 Jackson, Marguerite Elizabeth
 Jarrell, Angela Gertrude
 Johnson, Martha Noel
 Jolley, Josephine Ruth
 Jones, Betty Ruth
 Jones, Helen Winifred
 Kameron, Miriam Elizabeth
 Kearney, Vera Jean
 Keeler, Phoebe Forrestine
 Kent, Martha Jane
 Patchogue, N. Y.
 Durham, N. C.
 Baldwin, N. Y.
 Stamford, Conn.
 Fort Bragg, N. C.
 Baltimore, Md.
 Maplewood, N. J.
 Philadelphia, Pa.
 Wilmington, N. C.
 Rutherford, N. J.
 Trenton, N. J.
 Granite Falls, N. C.
 Cleveland, O.
 Burlington, Vt.
 Richmond, Va.
 Birmingham, Ala.
 Roanoke, Va.
 Arlington, Va.
 Accomac, Va.
 Camden, N. J.
 Black Mountain, N. C.
 Mobile, Ala.
 Birmingham, Ala.
 Birmingham, Ala.
 Durham, N. C.
 Durham, N. C.
 Durham, N. C.
 Lincolnton, N. C.
 Danville, Va.
 Newark, N. J.
 Lorain, O.
 York, Pa.
 Emsworth, Pa.
 Washington, D. C.
 Spring Lake, N. J.
 Altoona, Pa.
 Upper Nyack, N. Y.
 Gastonia, N. C.
 Lumberport, W. Va.
 Durham, N. C.
 Erie, Pa.
 Evanston, Ill.
 Lakewood, O.
 West Hartford, Conn.
 Akron, O.
 Williamsport, Pa.
 Indianapolis, Ind.
 Highland Park, Ill.
 Little Rock, Ark.
 Atlanta, Ga.
 Mexico, Mo.
 Cheltenham, Md.
 Washington, D. C.
 St. Petersburg, Fla.
 Snow Hill, N. C.
 Gibson, N. C.
 Shaker Heights, O.

Kinton, Katharine Louise
 Kling, Catherine Belle
 Lassen, Marion Powers
 Lawrence, Lelia Annette
 Leitner, Carolina
 L'Engle, Mary Champlain
 Leonard, Nancy Curtis
 Ling, Vee-tsung
 Long, Elizabeth Faye
 McClelland, Mary Carol
 McCreary, Jeanne Evelyn
 McCreedy, Doris Ann
 McKee, Betty Jane
 Mac Williams, Anne Louise
 Marshall, Barbara Thorp
 Maxwell, Ellen Virginia
 May, Jacqueline
 Mellon, Beatrice
 Mitchell, Maurine
 Montgomery, Frances Kathryn
 Mullis, Mary Lee
 Murray, Janet McCall
 Neagle, Sara Jane
 Nebel, Wilma Ruth
 Nichols, Shirley
 Nobles, Jane Cornelia
 O'Brien, Lucie Stokes
 O'Rourke, Ann Elisabeth
 Osborne, Sally Roberts
 Page, Irene Marshall
 *Parker, Julia Lurline
 Passmore, Virginia
 Paynter, Sybilla Jane
 Peach, Elizabeth Wellford
 Peluso, Mary Elsie
 Pessar, Dorothy Ethel
 Plansoen, Wilma Cornelia
 Plyler, Helen Davidson
 Powell, Eleanor Sue
 Powell, Evelyn Joyce
 Powers, Margaret
 Pyle, Frances
 Quinn, Margaret Howard
 Ramsey, Catherine Elizabeth
 Read, Patricia Wickliffe
 Rich, Elizabeth Anne
 Rick, Florence Isabel
 Rogers, Russell Anne
 Rowe, Dorothy Elizabeth
 Schmidt, Audrey Deane
 Schmidt, Helen Jane
 Schureman, Alice Elizabeth
 Scott, Gladys Williams
 Seafeld, Marilyn Lenore
 Searight, Louise Boswell
 Self, Lura Cowles
 Seymour, Virginia Mendolene
 Shaw, Elizabeth Mae
 Durham, N. C.
 Grindstone, Pa.
 Flourtown, Pa.
 Durham, N. C.
 Poultney, Vt.
 Jacksonville, Fla.
 Salisbury, N. C.
 Kowloon, Hongkong
 Roxboro, N. C.
 Jacksonville, Ill.
 Valley Stream, N. Y.
 Hawthorne, N. J.
 Pittsburgh, Pa.
 Jacksonville, Fla.
 Milford, Del.
 Comus, Md.
 Lakeland, Fla.
 Durham, N. C.
 Marfa, Tex.
 Kittanning, Pa.
 Tampa, Fla.
 Eveleth, Minn.
 Durham, N. C.
 Jacksonville, Fla.
 Long Branch, N. J.
 Pensacola, Fla.
 Durham, N. C.
 Dundalk, Md.
 Jacksonville, Fla.
 Aberdeen, N. C.
 Mt. Gilead, N. C.
 Nottingham, Pa.
 Salisbury, Md.
 Portsmouth, Va.
 Deal, N. J.
 New York, N. Y.
 Nutley, N. J.
 Greensboro, N. C.
 High Point, N. C.
 Rocky Mount, N. C.
 Wake Forest, N. C.
 Grand Rapids, Mich.
 Allentown, Pa.
 Tulsa, Okla.
 Miami Beach, Fla.
 Stamford, Conn.
 Pittsburgh, Pa.
 Richmond, Va.
 Newark, N. J.
 Mountain Lakes, N. J.
 Fort Bragg, N. C.
 New Brunswick, N. J.
 Durham, N. C.
 Ironton, Minn.
 Fort Bliss, Tex.
 Raleigh, N. C.
 Coral Gables, Fla.
 Miami, Fla.

Sherrill, Connor Marie	Charlotte, N. C.
Smith, Betty Jane	Avon Lake, O.
Smith, Frances Bivins	Farmville, N. C.
Smith, Margaret Shirley	Bloomfield Hills, Mich.
Smith, Mary Elizabeth	Woodbridge, N. J.
Smither, Emily Marshall	Winston-Salem, N. C.
Steininger, Virginia Ann	Wyomissing, Pa.
Stivers, Dorothy Jean	Maplewood, N. J.
Stoothoff, Marjorie	East Williston, N. Y.
Stroupe, Doris Evelyn	High Point, N. C.
Stryker, Elizabeth Lucy	Cleveland, O.
Swindell, Mary Moore	Durham, N. C.
Thacker, Page Virginia	Disputanta, Va.
Thompson, Margaret Mullen	Durham, N. C.
Thomson, Margaret Jane	Crawley, La.
Tinsley, Margaret Emma	Miami, Fla.
Towe, Sara Crawford	Roanoke Rapids, N. C.
Tucker, Elizabeth Duke	Little Rock, Ark.
Turner, Laura Bennett	Miami, Fla.
Upchurch, Edith Katrine	Durham, N. C.
van Deirse, Hilda Fay	Orlando, Fla.
Van Middlesworth, Mary	Middlebush, N. J.
Vaughan, Emily Jeffress	Durham, N. C.
Walker, Harriet Eugenia	Jacksonville, Fla.
Wannamaker, Anne Scovill	Durham, N. C.
Waters, Sara Jane	Johnstown, Pa.
Weaver, Esther Charlotte	Rye, N. Y.
Webb, Lucille Tawes	Salisbury, Md.
Welch, Grace Woodward	Valley Stream, N. Y.
Whitney, Mary Louise	Washington, D. C.
Williams, Barbara Jeanne	Buffalo, N. Y.
Williams, Eva Jean	Charlotte, N. C.
Wills, Virginia Wain	Mount Holly, N. J.
Wilson, Patricia Downs	Lansdowne, Pa.
Wooster, Irma Jean	Sterling, Ill.

SPECIAL STUDENTS

Adams, Erma Lee	Durham, N. C.
Bradsher, Dorothy Tideman	Durham, N. C.
Casey, Eleanor Noreen	Durham, N. C.
Cupitt, Anne	Durham, N. C.
Dixon, Martha Virginia	Pisgah Forest, N. C.
East, Mary Katherine	Durham, N. C.
Epperson, Joan Marie	Durham, N. C.
Gregg, Catherine McClure	Florence, S. C.
Hull, Alma	Harrisburg, Pa.
Killam, Miriam	East Lynn, Mass.
Kirkland, Dorothy Faucette	Durham, N. C.
Lund, Lydia	Durham, N. C.
MacMillan, Grace Louise	Durham, N. C.
Mellor, Margaret Bancroft	Downingtown, Pa.
Millar, Helene Somers	Westport, Conn.
Myers, Mary Elizabeth	Biltmore, N. C.
Parker, Mildred Frances	Durham, N. C.
Parker, Wixie Elma	Durham, N. C.
Smith, Alma Randle	Durham, N. C.
Smith, Ruby Belle	Durham, N. C.

Strayhorn, Louise Harriet
Stringfield, Virginia Barrow
Wylie, Nellie Martha

Durham, N. C.
Durham, N. C.
Durham, N. C.

COLLEGE OF ENGINEERING

FRESHMAN CLASS

Aitken, Theodore Bird	Wyndmoor, Pa.
Andrews, Richard Selby	New Haven, Conn.
Babykin, Anatole Gregory	Long Island City, N. Y.
Bayman, Charles Richard	Charleston, S. C.
† Bean, William Martin	Arlington, Va.
Boehling, John Frederick	Richmond, Va.
Bowen, Alan Louis	Cincinnati, N. Y.
Boy, Carl Andrew, Jr.	Durham, N. C.
Brandon, Guilbert LePage	Charlotte, N. C.
Brockway, George Lemuel, Jr.	Durham, N. C.
Campbell, Russell Pennell	Coral Gables, Fla.
Cawl, Allen Pretlow	Philadelphia, Pa.
Cook, Richard Russel	Lakewood, O.
Dackis, William Charles	Durham, N. C.
Day, Douglas Francis	Plainfield, N. J.
Dillon, Grover Lee, Jr.	Raleigh, N. C.
Dorne, Donal Paine	Roselle, N. J.
Dunn, Davis Henry, Jr.	Ridgewood, N. J.
Edgar, John Roland	Coatesville, Pa.
Ervin, Cameron Eugene	Durham, N. C.
Evans, Robert Emmette, Jr.	Charlotte, N. C.
Everhard, Will Duguid	Harrisburg, Pa.
Freeze, William Robert, Jr.	Charlotte, N. C.
Glos, Gardiner Woodward	Tampa, Fla.
Gotham, Robert Charles	Ogdensburg, N. Y.
Grayson, Allan Monroe, Jr.	Dallas, Tex.
Gum, William Brooks	Charleston, W. Va.
Gypson, Harold Ellington	Rome, N. Y.
Haines, William Richard	Elizabeth, N. J.
Harper, Jack Bourque	Chicago, Ill.
Harris, Thomas Camden	Durham, N. C.
Highfill, Gordon Jefferson	Roanoke, Va.
Huffman, Paul Douglas	Thomasville, N. C.
Huston, David Bradley	Paris, Ill.
Hutt, Richard	Hammonton, N. J.
Isenhour, Merle Edwin	Durham, N. C.
Jensen, James Allen	Great Neck, N. Y.
Johnson, Edward Louis	New York, N. Y.
Kaley, Harry Embich	Haddonfield, N. J.
King, Wilber Staunton	Pittsburgh, Pa.
† Knickerbocker, Malcolm Murray	Cincinnati, N. Y.
Kosh, Joseph Lawrence	Nichols, Conn.
Leonard, Robert Payne	Harrisburg, Pa.
Levin, Eugene Milton	Newport News, Va.
Lewis, John Barkley	Poughkeepsie, N. Y.
† Lilly, Robert Young	Morganfield, Ky.
Lockhart, David Kelly, Jr.	Durham, N. C.
Long, Paul Ellsworth	Roanoke, Va.
McFadden, Douglas Howard	Floral Park, N. Y.
McGary, Malcolm Carroll	Newton, Mass.

† Transferred to Trinity College, January 30, 1942.

- McGuire, Neal Warren
 McLaughlin, Robert Theodore
 Mann, Frederick Leopold, Jr.
 Marshall, Charles Hayward, Jr.
 †Martin, Harold Verne
 Martin, Morris Tyler, III
 Mason, Charles Manning
 Massell, Lee Irvin
 Maxwell, D. Jack
 Mitchell, Dillard Crittenden, III
 Moore, Russell Hobron
 Moss, Walter Hamilton
 Myers, Charles Rudolph
 Riess, Robert Clough
 Rose, Duke Jack
 Rose, Ronald Seymour
 Rose, Russell Albert
 Rountree, Albert Converse
 Roy, Harold Edward
 Rudinoff, Herbert
 Rumbaugh, Frank Clayton
 Sanger, Kenneth Edward
 Saunders, Lynn Corwin
 Schneider, Ralph Russell
 Scisco, Robert William
 Sharkey, Frederick Albert, Jr.
 Sherb, Kenneth Warner
 Skelton, William Paul, Jr.
 Smith, Waverly Graves
 Solfisburg, Christian H., Jr.
 Speas, Herbert Lee, Jr.
 Sterrett, Donald Hewett
 Stinson, John
 Stover, William Page
 Strother, Robert Ed
 Stroupe, Robert Edwin
 Swindell, Herbert Anderson
 Todderud, Charles Gray
 Tope, Donald Robert
 †Turner, Henry Granthum
 Underwood, Jack Dean
 Upchurch, Beale Austin
 Venable, Samuel Woodson
 Vores, Alfred D., III
 †Walker, Fred McKinley, Jr.
 Wanzer, Philip Hayden
 Waters, Charles A., Jr.
 Widerman, William Davis
 Williams, Claude Bernard
 Williams, Edward Eugene, Jr.
 Williams, John Kerr
 Wolloff, Warren Joseph
 Yautz, George Steven
 Zwirblis, Walter
 Roanoke, Va.
 Charlotte, N. C.
 Drexel Hill, Pa.
 Washington, D. C.
 Perry, Fla.
 Brooklyn, N. Y.
 Durham, N. C.
 Spartanburg, S. C.
 Johnstown, Pa.
 Durham, N. C.
 Towson, Md.
 Montclair, N. J.
 Haddonfield, N. J.
 Detroit, Mich.
 Jacksonville, Fla.
 Durham, N. C.
 Jacksonville, Fla.
 Charlotte, N. C.
 Bridgeport, Conn.
 Carney's Point, N. J.
 Burgettstown, Pa.
 New York, N. Y.
 Irvington, N. J.
 New York, N. Y.
 Belmar, N. J.
 Philadelphia, Pa.
 Staten Island, N. Y.
 Spartanburg, S. C.
 Durham, N. C.
 Aurora, Ill.
 High Point, N. C.
 Germantown, Pa.
 New York, N. Y.
 Charlotte, N. C.
 Franklinton, N. C.
 High Point, N. C.
 Durham, N. C.
 Coatesville, Pa.
 Burgettstown, Pa.
 Glenolden, Pa.
 Durham, N. C.
 Durham, N. C.
 Wilmington, N. C.
 Brewster, N. Y.
 Charlotte, N. C.
 Charlotte, N. C.
 Philadelphia, Pa.
 Haddonfield, N. J.
 Durham, N. C.
 Charlotte, N. C.
 Charlotte, N. C.
 Dedham, Mass.
 New York, N. Y.
 Irvington, N. J.

† Transferred to Trinity College, January 30, 1942.

SOPHOMORE CLASS

Asterisk indicates that the student does not have full class standing in hours or quality points.

*Barry, Herbert Newton, Jr.	New Rochelle, N. Y.
*Bayer, Richard Clyde	Steubenville, O.
Beary, Franklin David	Lebanon, Pa.
†Beatty, John Robert	Ridley Park, Pa.
Beer, George N.	Rochester, N. Y.
*Benson, Sidney A.	Marblehead, Mass.
Black, William Mock	Durham, N. C.
Bosca, Mario E.	Springfield, O.
Brilhart, Gladden Loats	Baltimore, Md.
*Brown, Norman McLeod	Sewickley, Pa.
Carlisle, Benjamin Howard, Jr.	Sandusky, O.
*Carr, Charles Edward	Holliday's Cove, W. Va.
Carr, John Weber, III	Durham, N. C.
Chapman, Walter Hendley	East Orange, N. J.
Clark, Stephen Chester, Jr.	High Point, N. C.
Close, Louis Barnes	Wadsworth, O.
Conner, Edward Ernest	Jacksonville, Fla.
Dacewicz, Leonard Norbert	Baltimore, Md.
DeWitt, William Day	Richmond, Va.
Eastman, John R.	Bronxville, N. Y.
Ehrenfeld, William C., Jr.	Flemington, N. J.
Evans, Burt	Atlantic City, N. J.
Felton, Joseph Patten	Durham, N. C.
French, Charles Graves	Clintwood, Va.
Gile, Howard Lawrence	Stoneham, Mass.
*Groome, Bailey Troy	Charlotte, N. C.
Gugger, Gerald Robert	Endwell, N. Y.
Hardy, William Marion	Durham, N. C.
Hatley, Marvin Thomas, Jr.	Albemarle, N. C.
Heath, William Walter	Atlantic City, N. J.
Hill, Francis Ulyss, Jr.	Durham, N. C.
*Hogarth, Bruce Edward	Cheshire, Conn.
Hones, Edward Wheeler	Roscoe, N. Y.
*Hornbuckle, Joseph Belvin	Durham, N. C.
*Jackson, Franklin Rowley	Charlotte, N. C.
*Jamieson, William Harry	Patchogue, N. Y.
Johnson, Martin Henry	Warren, Pa.
Jones, Edwin Lee, Jr.	Charlotte, N. C.
Karl, William Wainwright	North Tarrytown, N. Y.
Katzenstein, Jack	Shreveport, La.
*Lamb, Christopher	Baltimore, Md.
Lanham, Charles Warren, Jr.	Poolesville, Md.
Lindeberg, Kermit Richard	Swissvale, Pa.
*Lory, Tyler Jack	Merrick, N. Y.
*Love, Roderick Milnor, Jr.	Durham, N. C.
Lyon, Joe Theodore, Jr.	Durham, N. C.
*McKeague, Robert Edmond	Petersburg, Va.
Mapp, Charles Albert	Bellevue, Pa.
Martin, Vance B.	Hillsboro, N. C.
Metz, Carl Louis	Louisville, Ky.
†Morris, Samuel Barrineau	Toddville, S. C.
Morrison, Edwin Orville	Arlington, Mass.
*Myers, Joe Thomas	Kent, O.
Nelson, Richard Ellwood	Swissvale, Pa.

† Transferred to Trinity College, January 30, 1942.

- *Newcomb, Robert Timberlake, Jr.
 Newsom, Ernest Edward
 Reamer, Richard Daniel
 Ritter, James Martin
 *Robbins, Donald Strickland
 Roberts, Thomas Porter
 Sales, Thomas David
 *Speir, David Ordway
 Speziale, John Albert
 †Steuer, William Henry
 Stovall, John Reed, Jr.
 *Waller, William Washington
 Witschen, Bill Dietrich
 Wood, Robert Remington
- Raleigh, N. C.
 Durham, N. C.
 Franklin, Pa.
 Sandusky, O.
 Waterbury, Conn.
 Birmingham, Ala.
 Easton, Pa.
 Southern Pines, N. C.
 Torrington, Conn.
 North Tarrytown, N. Y.
 Winston-Salem, N. C.
 Washington, D. C.
 Jacksonville, Fla.
 Richmond Hill, N. Y.

JUNIOR CLASS

Asterisk indicates that the student does not have full class standing in hours or quality points.

- Acer, Charles Donald
 *Armour, John
 Bailey, Kenneth David
 Barrow, James Wilkinson
 Bateman, Robert Clark
 *Boutelle, Lindsay Maynard
 Crofts, Frederick Schrader
 Crooks, William Davison, III
 Dodson, Charles Wesley
 *Dorton, Robert Franklin, Jr.
 Durnell, Robert Scott
 Edens, Carl C., Jr.
 Fenimore, John Gibb
 Gingham, Clair Harry, Jr.
 *Grant, Henry Meador
 Gulledge, Sidney Loy, Jr.
 Hill, Charles Walter
 *Hottel, J. Robert
 *Howe, James Taburn
 *Kiely, Tom Procter (Thomas)
 Kleinhenz, William Augustus
 *Laros, James Andrew, Jr.
 Lynch, Richard James
 McKinney, Boyd Ervin
 *McMaster, Spencer Rice, Jr.
 *Marshall, William C.
 *Miller, Thomas Dale, III
 Morgan, Ralph Pierpont, Jr.
 Morris, Robert Cullom
 Porter, Winston Willis
 *Ricketts, Jack Blaine
 Rugo, Joseph Francis
 Schlerf, Donald Melvin
 Sherertz, Paul Claiborne
 *Shirley, John Vetter
 Tew, Gilbert W.
 Topham, Keith Landes
 *Wagner, Richard Fuller
 Wall, Donald Schnepfe
 *Walters, Whitford Frank
 Wetmore, William Hall, Jr.
- Medina, N. Y.
 River Forest, Ill.
 Sevierville, Tenn.
 Blackstone, Va.
 Roanoke, Va.
 Delmar, N. Y.
 Pittsford, N. Y.
 Williamsport, Pa.
 Harrisburg, Pa.
 Charlotte, N. C.
 Hillsboro, O.
 Rowland, N. Y.
 Haddon Heights, N. J.
 Greensboro, N. C.
 Andrews, S. C.
 Albemarle, N. C.
 LaGrange, Ill.
 Trenton, N. J.
 Durham, N. C.
 Westfield, N. J.
 Baltimore, Md.
 Easton, Pa.
 Bloomfield, N. J.
 Dayton, O.
 Winnsboro, S. C.
 Mt. Vernon, N. Y.
 New Rochelle, N. Y.
 Durham, N. C.
 Winnetka, Ill.
 East Orange, N. J.
 Yeadon, Pa.
 Milton, Mass.
 Baltimore, Md.
 Durham, N. C.
 Buffalo, N. Y.
 Durham, N. C.
 Durham, N. C.
 Scranton, Pa.
 Catonsville, Md.
 Burgaw, N. C.
 Washington, D. C.

† Transferred to Trinity College, January 30, 1942.

SENIOR CLASS

Asterisk indicates that the student does not have full class standing in hours or quality points.

- Bargeon, Joseph Robert
 *Bean, Robert Nelson
 Beeson, Donald Richard
 Boutwell, Frederick Kent
 †Bradley, Charles Hunter, Jr.
 Brandon, Daniel Morris
 Cochran, Robert Lawrence
 Crane, Ernest George
 *Cummins, Gordon Wilson
 Darling, Lawrence Whedon
 *Donahoe, Donald David
 Droge, Arthur John
 †Dunn, William Redfield, Jr.
 Ervin, Fred Reid
 Everett, Robert Rivers
 Fisher, James Lee, Jr.
 *Fleming, Clifford Neal
 *Foscue, Edward Shipman
 Galt, John Gillespie
 Goddard, John Ervin, Jr.
 Gongwer, James Cornell
 *Green, Frederick Edward
 Griffith, William Richard
 Hege, Douglas Warwick
 Johnson, Shirley A.
 *Johnston, Ronald Alexander
 *Keith, Arvid Lee, Jr.
 *Korstian, Robert John
 *Larson, Gilbert Arthur
 Luchans, Warren Felps
 MacLachlan, William Malcolm, Jr.
 *Manchester, Frederic Hoover
 Martin, James Watkins
 Moffett, Howard Rogers
 *Murphy, John James
 Myers, Richard Tennyson
 Napier, James Edward
 Neu, Edward Alfred, Jr.
 Olson, Thomas
 Poister, Paul Edwin
 *Rasmussen, George Welsh
 Rice, Ralph Estes, Jr.
 Roper, Arthur D.
 Rose, Murray Fontaine
 *Sawyer, Jack Hodgins
 Shea, James Andrew
 *Sheats, Harold Weldon, Jr.
 *Strickland, Wyatt Bailey
 Venable, Paul Carrington
 *Waldron, John Wood
 Walker, Hamilton Torrey, Jr.
 Wells, Richard Bulmer
- Mount Clemens, Mich.
 Arlington, Va.
 Johnson City, Tenn.
 Durham, N. C.
 Hagerstown, Md.
 Charlotte, N. C.
 Rockmart, Ga.
 Trenton, N. J.
 Canonsburg, Pa.
 Madison, Conn.
 Detroit, Mich.
 Woodhaven, L. I., N. Y.
 Croton-on-Hudson, N. Y.
 Durham, N. C.
 Niantic, Conn.
 Youngstown, O.
 Washington, D. C.
 Wilmette, Ill.
 Glen Moore, Pa.
 Rocky Mount, N. C.
 Tacoma, Wash.
 Hillsboro, N. C.
 Altoona, Pa.
 Winston-Salem, N. C.
 Philadelphia, Pa.
 Rochester, N. Y.
 Durham, N. C.
 Durham, N. C.
 Emporium, Pa.
 Brooklyn, N. Y.
 Detroit, Mich.
 Asheville, N. C.
 Durham, N. C.
 Greensboro, N. C.
 Canterbury, Conn.
 Upper Montclair, N. J.
 Durham, N. C.
 East Orange, N. J.
 Penns Grove, N. J.
 Beaver Falls, Pa.
 Roanoke, Va.
 Dyersburg, Tenn.
 Johnson City, Tenn.
 Durham, N. C.
 Virginia Beach, Va.
 Great Neck, N. Y.
 Charlotte, N. C.
 Durham, N. C.
 Wilmington, N. C.
 Upper Montclair, N. J.
 West Collingswood, N. J.
 Philadelphia, Pa.

† Graduated, February, 1942.

THE GRADUATE SCHOOL OF ARTS AND SCIENCES
ACADEMIC YEAR, 1941-42

- Abramovitch, Benjamin
B.S. (McGill University), Chemistry. Montreal, Quebec, Canada
- Adams, Joe Taylor
B.S. (Southern Methodist University), Chemistry, Physics. Dallas, Tex.
- Aldridge, Alfred Owen
B.S. (Indiana University), A.M. (University of Georgia), English. Buffalo, N. Y.
- Allen, Clark Lee
A.B. (McKendree College), A.M. (Washington University), Economics. Durham, N. C.
- Allen, Ruth Couch
B.S., A.B. (Meredith College), A.M. (Duke University), English. Raleigh, N. C.
- Amore, Salvatore Thomas
A.B. (Brooklyn College), A.M. (Duke University), Chemistry. Brooklyn, N. Y.
- Archbold, Juliana Elizabeth
A.B. (Hiram College), Spanish, French. Lakewood, O.
- Babcock, Farrar Jeanne
A.B. (Duke University), Religion. Elk City, Okla.
- Baker, Maury Davison, Jr.
A.B. (University of Miami), History, Economics, Political Science. Richmond, Va.
- Barnes, Jack Carlisle
A.B. (Duke University), English. Greensboro, N. C.
- Barrett, Arnold Lankford
A.B. (University of Georgia), Economics. Social Circle, Ga.
- Barrs, William Kenneth
A.B., B.D. (Duke University), Sociology, Religion. Durham, N. C.
- Barton, Eleanor Phillips
A.B. (Woman's College of the University of North Carolina), A. M. (Columbia University), Zoology. Greensboro, N. C.
- Baumgarten, Erwin
B.S. (California Institute of Technology), A.M. (University of California at Los Angeles), Chemistry, Physics. Pasadena, Calif.
- Baxter, Joseph Ray
A.B. (Berea College), History. Camp Dix, Ky.
- Bennett, John Boyce
A.B. (Wofford College), B.D. (Duke University), Religion. Fort Mill, S. C.
- Bentz, Dale Monroe
A.B. (Gettysburg College), History. Dover, Pa.
- Bierman, Josephine Abigail
B.S. (George Washington University), Zoology, Botany. Washington, D. C.
- Birge, William Root
A.B. (Princeton University), Psychology. Istanbul, Turkey
- Birmingham, James Franklyn
A.B., A.M. (Ohio University), English. Leesburg, Fla.
- Boas, Mary Layne
B.S., M.S. (University of Washington), Physics. Durham, N. C.
- Bokinsky, George Edward
A.B. (Duke University), Sociology. Windber, Pa.
- Brach, Earl Tilton
A.B., A.M. (Duke University), Greek. Durham, N. C.
- Bradshaw, Catherine Pauline
A.B. (College of St. Teresa), A.M. (University of Minnesota), Greek, Sanskrit, Latin. Kimball, S. D.
- Brewster, Lawrence Fay
A.B. (College of William and Mary), A.M. (Columbia University), History. Durham, N. C.
- Brice, Ashbel Green
A.B., A.M. (Columbia University), English. York, S. C.
- Brothers, Joseph Grayson
A.B. (Duke University), Economics. Wilmington, N. C.

- Brown, Henry Clay, III
B.S. (Duke University), Chemistry, Physics. Shamrock, Fla.
- Brown, Walter Varian
A.B., M.S. (Brown University), Botany. Durham, N. C.
- Bryan, William Alfred
A.B. (College of Charleston), A.M. (Duke University), English. Sumter, S. C.
- Buell, Jesse Howard
B.S. (Wesleyan University); M.F. (Yale University), Forestry, Botany, Philosophy. Asheville, N. C.
- Byers, Gordon Cleaves
A.B. (University of Michigan), Mathematics, Philosophy. Hancock, Mich.
- Cain, Herbert Lloyd
A.B. (Southwestern), A.M. (Duke University), Greek. Asheville, N. C.
- Campbell, Carrie Belle Craig
A.B. (Duke University), Education. Durham, N. C.
- Campbell, Marjorie Adams
A.B. (University of Wisconsin), Education. Chapel Hill, N. C.
- Canada, Mary Whitfield
A.B. (Emory and Henry College), English. Durham, N. C.
- Carter, Mary Marjorie
A.B. (Florida State College for Women), Spanish, French. Palatka, Fla.
- Caughy, Mary Gladys
B.S. (Geneva College), A.M. (Columbia University), Botany, Zoology. Chester, W. Va.
- Chandler, Lizzie Grey
A.B. (Duke University), Education. Durham, N. C.
- Chao, Shih Hui
A.B. (Fu Jen University), Sociology, Economics. Peiping, China
- Chesnut, Doris Ray
B.S. (Farmville State Teachers College), Political Science. Durham, N. C.
- Christenson, James Andreas, Jr.
A.B. (Harvard College), Ph.D. (Duke University), Psychology. Durham, N. C.
- Christy, Wayne Herron
A.B. (Westminster College), Th.B. (Pittsburgh-Xenia Theological Seminary), Religion, Philosophy, Sociology. Pittsburgh, Pa.
- Civin, Paul
A.B. (University of Buffalo), A.M. (Duke University), Mathematics. Buffalo, N. Y.
- Clark, Frank Eugene
A.B. (Dartmouth College), Mathematics, Physics. Elizabethton, Tenn.
- Clark, Martha Louise
B.S. (Sweet Briar College), Zoology, Botany. Lynchburg, Va.
- Clayton, Lilyan
A.B., M.S. (University of Oklahoma), Zoology. Durant, Okla.
- Cleaveland, Frederic Neill
A.B. (Duke University), History. Durham, N. C.
- Cleaveland, Leslie Joseph
A.B. (Carleton College), History. International Falls, Minn.
- Cline, John
A.B., A.M. (Duke University), English. Durham, N. C.
- Coble, Joseph Fillmore
A.B. (High Point College), Religion, Sociology. Burlington, N. C.
- Cogswell, Sumter Aldage
B.S. (Duke University), Chemistry, Physics. Chattanooga, Tenn.
- Cole, Essie Jane Jackson
A.B. (Bowling Green College of Commerce), Education, English. Columbia, Tenn.
- Colley, Frank Harris
A.B., A.M. (Duke University), History. Washington, Ga.
- Comstock, Martha Alida
A.B. (Smith College), Botany, Zoology. Lynn, Mass.
- Constable, Edna E.
B.S. (Hattiesburg State Teachers College), Education. Durham, N. C.

- Copp, Earl Picard
A.B. (Dartmouth College), English. Middlebury, Conn.
- Cottingham, William Thomas, Jr.
A.B. (Duke University), A.M. (Emory University), Philosophy. Douglas, Ga.
- Cox, James Stanley
A.B. (Elon College), History. Burlington, N. C.
- Craghead, Frances Ann
A.B. (Randolph-Macon Woman's College), A.M. (Duke University), Latin, Greek, Sanskrit. Lynchburg, Va.
- Craven, Clyde Rober, Jr.
A.B. (Duke University), English. Charlotte, N. C.
- Davis, William Curtis Carroll
A.B. (Yale College), A.M. (Columbia University), English. Baltimore, Md.
- Deal, Carl Hosea, Jr.
B.S. (Duke University), Chemistry, Physics. Salisbury, N. C.
- Decker, John Peter
B.S. (University of Idaho), A.M. (Duke University), Botany, Forestry, Zoology. Moscow, Idaho
- Diamond, Stanley Stuart
A.B. (University of Wichita), A.M. (Haverford College), Political Science. Wichita, Kansas
- Dibeler, Vernon Hamilton
B.S., A.M. (Duke University), Chemistry. Roselle Park, N. J.
- Dillinger, George Edward
B.S. (Ursinus College), B.D. (Central Theological Seminary), Religion, Psychology. Burlington, N. C.
- Dowling, Arthur Joseph, Jr.
A.B. (Duke University), English. Durham, N. C.
- DuBose, Samuel Wilds
A.B. (Davidson College), B.D. (Union Theological Seminary), Religion. Hillsboro, N. C.
- Early, Benjamin Weisiger
A.B., A.M. (University of Virginia), English. Richmond, Va.
- Ellen, John Calhoun, Jr.
A.B. (Emory and Henry College), History, Political Science. Dillon, S. C.
- Elliott, Flavel Scott
A.B. (Dartmouth College), A.M. (University of North Carolina), English. Durham, N. C.
- Epstein, Herman Theodore
A.B. (University of Michigan), Physics, Chemistry. Portland, Me.
- Erickson, John Otto
B.S. (University of Minnesota), Biochemistry, Chemistry. Virginia, Minn.
- Evans, Alona Elizabeth
A.B. (Duke University), Political Science. Durham, N. C.
- Firebaugh, Joseph Jesse
A.B. (University of Colorado), A.M. (Duke University), English. Denver, Colo.
- Ford, Eva Lucille
A.B. (Ohio University), A.M. (Middlebury College), French. Alfred, N. Y.
- Freiser, Henry
B.S. (College of the City of New York), Chemistry, Physics. New York, N. Y.
- Frey, Ellen Frances
A.B. (Barnard College), A.M. (Duke University), English. Elberon, N. J.
- Fultz, Mary Catherine
A.B. (Bridgewater College), English. Ararat, Va.
- Gardner, Ralph Ahiga
A.B., A.M. (University of Kentucky), Philosophy. Somerset, Ky.
- Gervin, Spencer Rex
B.S. (East Tennessee State Teachers College), A.M. (Duke University), Political Science. Limestone, Tenn.
- Gillis, Malcolm Elisha
A.B. (Mississippi College), A.M. (University of Chicago), Mathematics. Knoxville, Tenn.
- Gilmer, Sam Orr, Jr.
B.S. (Furman University), Economics. Anderson, S. C.
- Goodwin, Noma Lee
A.B. (Duke University), English. Durham, N. C.

- Grubin, Leonard Melvin
B.S. (Harvard College), Zoology, Sociology, Chemistry. Newark, N. J.
- Hackney, Edward June
B.S. (Duke University), Chemistry. Durham, N. C.
- Hahn, Samuel Wilfred
A.B. (Lenoir Rhyne College), Mathematics, Philosophy. Winston-Salem, N. C.
- Hammond, Hans
A.B. (University of Florida), History. New York, N. Y.
- Hapala, Milan Ernest
A.B. (Beloit College), A.M. (University of Nebraska), Political Science, Economics. Brno, Czechoslovakia
- Hardcastle, Aaron Bascom
A.B., A.M. (University of Richmond), Zoology. Durham, N. C.
- Hardendorff, Victor Hall
A.B. (Amherst College), English. North Amherst, Mass.
- Harlow, Agnes Virginia
A.B. (Mount Holyoke College), A.M. (University of California), English. Greencastle, Ind.
- Harrison, Monique Muriel Whelpton
A.B. (Furman University), French, Education. Paris, France
- Harper, Verne Lester
B.S., M.S. (University of California), Forestry, Botany, Philosophy, Economics. Washington, D. C.
- Hartman, Inez Rebecca
A.B. (University of Chattanooga), Spanish, French, Education. Chattanooga, Tenn.
- Herndon, Fred Jackson
A.B. (Duke University), Education. Durham, N. C.
- Herndon, Nannie Mae
A.B. (Duke University), Education. Durham, N. C.
- Herndon, Nettie Southworth
A.B., A.M. (West Virginia University), History. Houston, Tex.
- Hester, Ernest Carrington
A.B., A.M. (Duke University), Education. Durham, N. C.
- Hester, William Henry, Jr.
A.B., A.M. (Emory University), Philosophy, Psychology. Atlanta, Ga.
- Hibbs, Max Lee
B.S. (Alabama Polytechnic Institute), History. Durham, N. C.
- Holman, Harriet R.
A.B. (Winthrop College), A.M. (University of Michigan), English. Anderson, S. C.
- Holzworth, Robert Haviland
A.B. (Syracuse University), Zoology, Psychology. Syracuse, N. Y.
- Honeycutt, Eliza Hill
B.S. (Colby College), History. Durham, N. C.
- Hooper, Conrad Sidney, Jr.
A.B. (Duke University), Education. Durham, N. C.
- Hosack, Robert Ewing
A.B. (College of Wooster), A.M. (University of Chicago), Political Science. History. Durham, N. C.
- Huff, Jesse William
B. S. (University of Pittsburgh), Biochemistry, Chemistry. Jeannette, Pa.
- Hughes, Ann Miriam
A.B. (Duke University), Physiology. Boston, Mass.
- Hull, Alma Louise
A.B. (Duke University), History. Harrisburg, Pa.
- Hull, Edyth Maud
A.B. (Duke University), Psychology, Zoology, Sociology. Shaker Heights, O.
- Hull, Wayland Elroy
A.B. (Milton College), Zoology. Milton, Wis.
- Humm, Harold Judson
B.S. (University of Miami), Botany. Miami, Fla.
- Humphrey, Elizabeth Marie
A.B. (Earlham College), Psychology. Indianapolis, Ind.

- Hunter, Annie May
A. B. (Woman's College of the University of North Carolina), A.M. (Duke University), Education.
- Jackson, Elizabeth Grinnan
A.B., A.M. (College of William and Mary), English. Norfolk, Va.
- Jemison, George Meredith
B.S. (University of Idaho), M.F. (Yale University), Forestry. Asheville, N. C.
- Johnson, Kathryn Eloise
A.B. (Duke University), Botany, Zoology. Glen Burnie, Md.
- Johnson, Lawrence Clifford
A.B. (State University of Iowa), Sociology, Psychology, Political Science. Durham, N. C.
- Johnson, Margaret Louise
A.B. (Salem College), A.M. (University of North Carolina), English. Raleigh, N. C.
- Jones, Jameson Miller
A.B. (Southwestern), B.D. (Louisville Presbyterian Theological Seminary), Religion. Corinth, Miss.
- Jordan, Charles Daniel
A.B. (East Carolina Teachers College), A.M. (George Peabody College for Teachers), Zoology, Anatomy. Greenville, N. C.
- Kamin, Henry
B.S. (College of the City of New York), Biochemistry, Chemistry. Brooklyn, N. Y.
- Kao, Chun Ch'un
A.B., A.M. (Yenching University), Psychology, Sociology. Peiping, China
- Keeler, Phoebe Forrestine
A.B. (Duke University), English. Gibson, N. C.
- Kernodle, Jennie Sue
A.B. (Duke University), Education. Durham, N. C.
- Kneipp, Janet Rettew
A.B. (Duke University), English. Durham, N. C.
- Knight, Walter David, Jr.
A.B. (Middlebury College), Physics, Mathematics. Newton Centre, Mass.
- Koch, Sigmund
A.B. (New York University), A.M. (State University of Iowa), Psychology. New York, N. Y.
- Koronski, Betty Elise
A.B. (Michigan State College), Sociology. Bessemer, Mich.
- Kozlowski, Theodore Thomas
B.S. (Syracuse University), A.M. (Duke University), Forestry. Buffalo, N. Y.
- Krause, James Barber
A.B. (University of Alabama), Zoology. Williamsport, Pa.
- Kraybill, Edward Kready
B.S. (Pennsylvania State College), Mathematics. Durham, N. C.
- Lang, Cecil Yelverton
A.B. (Duke University), English. Walstonburg, N. C.
- Leary, Thomas Francis
B.S. (Appalachian State Teachers College), A.M. (Duke University), English. Northampton, Mass.
- LeBaron, Earle Robert
A.B., A.M. (Mt. St. Mary's College), Religion. Oak Ridge, N. C.
- Levitsky, Ihor Alexander
A.B. (University of Rochester), A.M. (University of Buffalo), Philosophy. Rochester, N. Y.
- Linschitz, Henry
B.S. (College of the City of New York), A.M. (Duke University), Chemistry, Physics. New York, N. Y.
- Livingston, Robert Blair
A.B. (Colorado College), A.M. (Duke University), Botany, Forestry. Colorado Springs, Colo.
- Lodge, Elizabeth
B.S. (Temple University), Psychology, Education. Reading, Pa.
- Lorman, Justine Helen
A.B. (University of Pennsylvania), English. Philadelphia, Pa.
- Luchans, Dorothy Ruth Alexander
A.B. (Duke University), German, English, Sociology. Atlanta, Ga.

- Lundberg, Donald Emil
A.B. (Iowa State Teachers College), Psychology, Waterloo, Iowa
Sociology, Education.
- McCann, Florence Ford
B.S. (Elmira College), English. Elmira, N. Y.
- McDougall, Kenneth Dougal
(Duke University), Zoology. Durham, N. C.
- Maeglin, John William
A.B. (State University of Iowa), Sociology, Economics. Muscatine, Iowa
- Magalhaes, Hulda
B.S. (New Jersey College for Women), A.M. (Mount Holyoke College), Zoology, Anatomy. Hopewell, N. J.
- Malone, Thomas Patrick
A.B. (Duke University), Sociology, Psychology. Mahanoy City, Pa.
- Marsh, James White
A.B. (Duke University), Chemistry, Physics. Monroe, N. C.
- Martin, Willard Edgar, Jr.
A.B. (Boston University), A.M. (Harvard University), English. Somerville, Mass.
- Martz, Edward Everts
A.B. (Duke University), Religion. Pine Grove Mills, Pa.
- Massey, Calvin LeRoy
B.S. (Colorado State College), A.M. (Duke University), Forestry, Botany, Zoology. Wheatridge, Colo.
- Measday, Walter Sparks
A.B. (College of William and Mary), Economics, Political Science. Westwood, N. J.
- Medalie, Esther Leah
A.B. (University of Minnesota), Political Science, Economics. Minneapolis, Minn.
- Meserve, Bruce Elwyn
A.B. (Bates College), A.M. (Duke University), Mathematics, Physics. Portland, Me.
- Mickle, Walter Alvin, Jr.
B.S. (Guilford College), A.M. (Duke University), Bacteriology, Botany. Pfafftown, N. C.
- Miller, William Long
B.B.A. (University of Chattanooga), Economics. Nashville, Tenn.
- Minnich, Lawrence Arthur, Jr.
A.B. (Princeton University), History. Lorain, O.
- Moffett, Robert Preyer
B.S. (Duke University), Chemistry, Physics. Greensboro, N. C.
- Montgomery, Clyde Raymond
A.B. (Salem College), M.S. (West Virginia University), Education, Psychology, Botany. Andrews, N. C.
- Morana, Simon Joseph
B.S. (Western Reserve University), Chemistry, Physics. Cleveland, O.
- Morrison, Garrett Weir
A.B. (Kansas State Teachers College), Psychology. Joplin, Mo.
- Mowshowitz, Israel
A.B. (Yeshiva College), Psychology. Durham, N. C.
- Murdoch, Bernard Constantine
B.S. (Appalachian State Teachers College), M.Ed. (University of Cincinnati), Education, Psychology. Charlotte, N. C.
- Murray, Agnes McGregor
A.B. (McGill University), English. Georgeville, Quebec, Canada
- Neel, Samuel Register, Jr.
A.B. (Emory and Henry College), Religion, Philosophy. Cumberland, Md.
- Nelson, Herman Berg
A.B. (Duke University), History. Tamaqua, Pa.
- Neupert, Lois Elizabeth
A.B. (Mount Holyoke College), English, Philosophy. Maplewood, N. J.
- Oglesby, Roscoe Ralph
A.B. (Georgetown College), A.M. (University of Virginia), Political Science, Economics. Lynchburg, Va.
- O'Rourk, Ann Elisabeth
A.B. (Duke University), Zoology. Dundalk, Md.

- Parker, Enid Rifner
A.B. (University of Chattanooga), A.M. (Duke University), Latin. Chattanooga, Tenn.
- Patrick, Clarence Hodges
A.B. (Wake Forest College), B.D. (Andover Newton Theological School), Sociology, Religion. Greenville, N. C.
- Perry, Percival
A.B. (Wake Forest College), A.M. (Rutgers University), History. Chesterfield, S. C.
- Peterson, Douglas Fayette
A.B. (Duke University), Economics. Winston-Salem, N. C.
- Phillips, Lessie Brown
A.B. (Salem College), A.M. (University of North Carolina), Education. Winston-Salem, N. C.
- Pinnell, Margaret Smoot
A.B. (West Virginia University), Education. Piedmont, W. Va.
- Plantinga, Cornelius A.
A.B. (Calvin College), A.M. (University of Michigan), Ph.D. (Duke University). Education. Durham, N. C.
- Pollard, Harry
A.B., A.M. (Harvard University), Mathematics. Dorchester, Mass.
- Powers, Leonard Stewart
A.B. (Duke University), History. Durham, N. C.
- Punyasingh, Krui
B.S. (University of the Philippines), M.S. (Cornell University), Botany. Washington, D. C.
- Purcell, James Slicer, Jr.
A.B. (John B. Stetson University), Zoology, Botany. Lakeland, Fla.
- Queen, Francis Vernon
A.B. (Berea College), Political Science, Sociology. Ashland, Ky.
- Queen, Vergil Erwin
A.B. (Catawba College), Religion. Carrboro, N. C.
- Ramsay, Charles McKay
A.B. (Berea College), B.D. (Union Theological Seminary), Religion. Gallatin, Tenn.
- Randall, Elma Louise
A.B. (John B. Stetson University), Zoology, Botany. Daytona Beach, Fla.
- Rapoport, Lorence
A.B. (Harvard University), Chemistry, Physics. Hartford, Conn.
- Rapp, Marvin August
A.B. (Colgate University), A.M. (Duke University), History. Buffalo, N. Y.
- Reynolds, John Bradley
A.B. (Duke University), Education, Philosophy, Psychology. Mt. Savage, Md.
- Reynolds, Thomas Davies
A.B. (Duke University), Mathematics, Physics. Asheville, N. C.
- Richards, James Austin, Jr.
A.B. (Oberlin College), Physics. Oberlin, O.
- Richman, Bamma Bunch
A.B. (University of Kentucky), Education. Durham, N. C.
- Rickerby, Arthur Burroughs
A.B. (Duke University), Political Science, Sociology. New York, N. Y.
- Robbins, George Lindsay, Jr.
A.B. (Duke University), Economics. Durham, N. C.
- Roberg, Jane
B.S. (University of Washington), A.M. (Duke University), Physics. Bellingham, Wash.
- Roberts, Henry Stoutte, Jr.
A.B. (Mercer University), Zoology. Milledgeville, Ga.
- Roberts, Lucien Emerson
A.B., A.M. (University of Georgia), History. Carrollton, Ga.
- Robinson, Dana Fletcher
A.B. (Randolph-Macon Woman's College), A.M. (Columbia University), Sociology, Religion, Psychology. Sanitas, Va.
- Rogers, Nat Sims
A.B. (Millsaps College), Economics, Political Science. New Albany, Miss.
- Rothmann, Marion Theresa
A.B. (Adelphi College), History. Jackson Heights, N. Y.

- Ryan, Denis
B.S. (Duke University), Chemistry, Physics. Greenville, S. C.
- Sams, Alma Frances
A.B. (Eastern Kentucky State Teachers College), English. Irvine, Ky.
- Samuell, James Madison
A.B. (Ohio Wesleyan University), A.M. (Ohio State University), Education, Psychology. Zanesville, O.
- Sandmel, Samuel
A.B. (Missouri University), B.H. (Hebrew Union College), Religion. Chapel Hill, N. C.
- Saret, Herbert Paul
A.B. (Brooklyn College), M.S. (Cornell University), Biochemistry. Brooklyn, N. Y.
- Saunders, Ernest William
B.S., S.T.B. (Boston University), Religion. Boston, Mass.
- Saz, Arthur Kenneth
B.S. (College of the City of New York), A.M. (University of Missouri), Physiology, Chemistry, Botany, Pharmacology. Corona, N. Y.
- Scheraga, Harold Abraham
B.S. (College of the City of New York), Chemistry, Physics. Brooklyn, N. Y.
- Scherer, Wallace Brown
B.S. (Davidson College), Psychology. Clover, S. C.
- Schroyer, Franklin Karl
A.B. (Allegheny College), A.M. (University of Buffalo), Physics, Chemistry. Loganton, Pa.
- Scott, Mattie Garrett
A.B. (Duke University), Education. Durham, N. C.
- Seevers, Delmar Oswell
B.S. (Duke University), Physics, Chemistry. St. John, Kan.
- Shipman, William Harold
A.B. (Montana State University), Economics. Hendersonville, N. C.
- Siegel, Paul Shafer
A.B. (University of Richmond), Psychology, Philosophy, Education. Durham, N. C.
- Silk, Leonard Solomon
A.B. (University of Wisconsin), Economics, Philosophy. Atlantic City, N. J.
- Smith, Edwin Studley
B.S. (Furman University), Chemistry. Atlanta, Ga.
- Smith, William Jordan Joseph
A.B. (University of Texas), Economics, Philosophy. Dallas, Tex.
- Snow, James Wilbur
B.S. (Duke University), Chemistry, Physics. Vista, Calif.
- Snyder, Agnes Elisabeth
A.B. (University of Louisville), Psychology, Sociology. Louisville, Ky.
- Snyder, Jordan Pressman
B.S. (Pennsylvania State College), Biochemistry, Chemistry. Philadelphia, Pa.
- Soodak, Harry
B.S. (College of the City of New York), A.M. (Columbia University), Physics, Chemistry, Mathematics. Bronx, N. Y.
- Stainbrook, Edward John
A.B. (Allegheny College), Psychology. Durham, N. C.
- Stallcup, Mary Jane
B.S. (Duke University), A.B. in L.S. (Emory University), Physics, Zoology. St. Petersburg, Fla.
- Starling, James Holt
A.B., A.M. (University of Alabama), Zoology. Troy, Ala.
- Steinitz, Joseph Leopold
LL.D. (University of Vienna), Political Science. Durham, N. C.
- Stewart, Clifford West
B.S. (Alabama Polytechnic Institute), History, Economics. Opelika, Ala.
- Stewart, Paul Dekker
A.B. (Hope College), A.M. (Duke University), Political Science. Asheville, N. C.
- Stewart, Truman Joel
A.B. (Earlham College), A.M. (Duke University), History. West Alexandria, O.
- Stockdale, Ruth Mary
B.S. (Duke University), Chemistry, Physics. Pittsburg, Pa.

- Strother, Eura Vance
A.B., A.M. (Duke University), Education, Mathematics. Durham, N. C.
- Stull, Richard John
A.B. (Duke University), Zoology. Durham, N. C.
- Tarrant, Paul
B.S. (Howard College), M.S. (Purdue University), Chemistry, Physics. Birmingham, Ala.
- Taylor, Donald Lavor
B.S., M.S. (Utah State Agricultural College), Sociology, Psychology. Ephraim, Utah
- Taylor, James David
B.S. (Wake Forest College), Education. Kannapolis, N. C.
- Teagarden, Lucetta Jane
A.B. (Wilson College), A.M. (Duke University), English. Carmichaels, Pa.
- Thomas, Opal Bernadine
A.B. (Rockford College), A.M. (University of Wisconsin), Economics. Madison, Wis.
- Thompson, Evan Lewis
A.B. (Duke University), English. Taunton, Mass.
- Tompson, Reade Yates
B.S. (Brown University), Chemistry. Attleboro, Mass.
- Townsend, Freda Liverant
A.B., A.M. (Duke University), English. Staten Island, N. Y.
- Vail, Charles Rowe
B.S. (Duke University), Mathematics. Durham, N. C.
- Van Voorhis, Robert Henry
A.B., A.M. (Duke University), Economics. Rutherford, N. J.
- Waggoner, Brooks Milton
A.B. (University of Arkansas), B.D. (Duke University), Religion. Stilwell, Okla.
- Wallace, Lillian Parker
A.B. (University of Denver), M.S. (North Carolina State College), History. Raleigh, N. C.
- Ward, Peter
A.B. (Duke University), Economics, Forestry. Gross Ile, Mich.
- Watts, Daniel Thomas
A.B. (Elon College), Zoology. Elon College, N. C.
- Weith, Archie James, Jr.
A.B., A.M. (Duke University), Chemistry, Physics. Caldwell, N. J.
- Welch, Grace Woodward
A.B. (Duke University), Education. Valley Stream, L. I., N. Y.
- Wellwood, Robert William
B.A.Sc. (University of British Columbia), M.F. (Duke University), Forestry. Victoria, B. C., Canada
- Werbel, Burton
A.B. (New York University), A.M. (Duke University), Chemistry. Newark, N. J.
- Wesson, William Hinton, Jr.
B.S. (North Carolina State College), Economics. Warrenton, N. C.
- Wilson, Charles Christopher
B.S. (University of Miami), Botany. Miami, Fla.
- Wolf, Mary Isabelle
A.B. (University of North Carolina), Sociology. Chapel Hill, N. C.
- Wood, Frederic Marcus, Jr.
A.B. (Western Reserve University), Latin. Madison-on-the-Lake, O.

SUMMER OF 1941; FIRST TERM

- Abramovitch, Benjamin
B.S. (McGill University), Chemistry. Montreal, Quebec, Canada
- Abrams, Alberta Marie
B.S. (Kent University), English. Chester, W. Va.
- Ackerman, Hugo Sheridan
A.B. (Wofford College), History. Orangeburg, S. C.
- Adams, Katharine Rebecca
A.B., A.M. (Winthrop College), English. Rock Hill, S. C.

Ahalt, Paul Edwin A.B. (Roanoke College), Education, Political Science.	Vinton, Va.
Aimar, Caroline Picault A.B. (College of Charleston), English, French.	Charleston, S. C.
Allen, Evelyn West B.S. (Farmville State Teachers College), Sociology, Education.	Lynchburg, Va.
Anderson, Ernest Coleman A.B. (Duke University), Education.	Lenoir, N. C.
Anderson, Ernest Rogers B.S. (South Georgia Teachers College), Sociology, Education.	Matthews, Ga.
Anderson, Lucian Dumas A.B. (Winthrop College), English.	Seneca, S. C.
Anderson, Ruby Jane A.B. (Western Kentucky State Teachers College), History, Economics.	Caneyville, Ky.
Anderson, Ruth Marie A.B. (Florida State College for Women), English.	Bradenton, Fla.
Anding, Marion Lucile B.S. (Delta State Teachers College), Education.	Flora, Miss.
Arbogast, Grace Kramer A.B. (Shepherd State Teachers College), Education.	Cass, W. Va.
Arbogast, James Kermit A.B. (Shepherd State Teachers College), Education.	Cass, W. Va.
Archbold, Juliana Elizabeth A.B. (Hiram College), Spanish.	Lakewood, O.
Armstrong, Leo Henry B.S. (University of Florida), Education.	Ocala, Fla.
Asbury, Jean Gray A.B. (Brown University), Mathematics.	Chambersburg, Pa.
Askey, William Anthony B.S. (Indiana State Teachers College), Sociology.	Clymer, Pa.
Auld, Floyd William B.S. (Indiana State Teachers College), English.	Dayton, Pa.
Backus, Elbert Leon A.B. (Glenville State Teachers College), Education.	Clendenin, W. Va.
Backus, Tulsa Eloise A.B. (Glenville State Teachers College), Education.	Clendenin, W. Va.
Bailey, Jean Elizabeth A.B. (University of Pittsburgh), Education.	Greensburg, Pa.
Bailey, Rosalie Vincent A.B. (Lander College), English.	Greenwood, S. C.
Bailey, Ruth Marie A.B. (Grenada College), Education.	Coffeeville, Miss.
Baird, Sybil A.B. (Howard College), English.	Birmingham, Ala.
Ballagh, Robert Hamilton A.B. (Lynchburg College), Education.	Bedford, Va.
Ballard, Grady Lee A.B. (Howard College), Education.	Tallassee, Ala.
Barfield, Edith Herlong A.B. (Duke University), Education.	Miami, Fla.
Barr, Orville Asbury B.S. (Florida Southern College), Education.	Jacksonville, Fla.
Barrett, Arnold Lankford A.B. (University of Georgia), Economics.	Social Circle, Ga.
Bary, Elizabeth Ineta A.B. (Florida State College for Women), History.	St. Petersburg, Fla.
Barton, Eleanor Phillips A.B. (Woman's College of the University of North Carolina); A.M. (Columbia University), Zoology.	Greensboro, N. C.

- Baucom, Thomas Victor
A.B., A.M. (Duke University), Education. Oakland, Md.
- Beasley, James Edwin
B.S. (South Georgia Teachers College), Education. Statesboro, Ga.
- Beason, Sarah Jewell
A.B. (Furman University), History. Greenville, S. C.
- Beery, Clara Reubel
A.B. (Mary Baldwin College); B.S. (Madison College), English. Washington, D. C.
- Beery, Lena Grace
A.B. (Marshall College); B.S. (Morris Harvey College), Education. Elkview, W. Va.
- Behrens, Lois
B.S. (Florida State College for Women), Mathematics. Princeton, Fla.
- Belcher, Wirt Cashius
A.B. (Concord State Teachers College), Education. Saulsville, W. Va.
- Berry, Christine Brooks
B.S. (Mississippi State College for Women), Sociology. Jackson, Miss.
- Binns, Elizabeth Feary
A.B. (Florida Southern College); A.M. (Duke University), English. Winter Haven, Fla.
- Black, Caroline Banks
A.B. (College of Charleston), History, English. Charleston, S. C.
- Black, Roland Joseph
B.S. (Glassboro State Teachers College), Education. Titusville, N. J.
- Blackburn, Edward Bernard
A.B. (Florida Southern College), Education. Homestead, Fla.
- Blackburn, John Hartley
A.B. (Florida Southern College), Education. Anna Maria, Fla.
- Blanchard, Clara Louise
A.B. (Florida Southern College), Religion, History. St. Petersburg, Fla.
- Blank, Olive Greenawalt
A.B. (Marshall College), English. Huntington, W. Va.
- Blount, Grace Walker
A.B. (Florida Southern College), Education, History. Miami Beach, Fla.
- Bolding, Minna Florence
A.B. (Lander College), English. Pickens, S. C.
- Bondurant, Agnes Meredith
B.S. (Farmville State Teachers College), English. Rice, Va.
- Boney, Nancy Virginia
A.B. (Winthrop College), English. Blythewood, S. C.
- Bonner, James Neel
A.B. (Erskine College); A.M. (Columbia University), Education. Due West, S. C.
- Boone, William Riley Prichard
A.B., B.S. (University of Texas), History. Marshall, Tex.
- Boyden, Milton Flynn
B.S. (Mansfield State Teachers College), Education, Sociology. Mainesburg, Pa.
- Boyles, Dorothy Clemence
A.B. (Millsaps College), English, History. Jackson, Miss.
- Brandis, Royall
A.B. (University of Richmond), Economics. Richmond, Va.
- Brantley, Mabel Ruth
B.S. (Georgia State College for Women), English. Barnesville, Ga.
- Brokaw, Ruth Wilmina
A.B. (Marietta College), Mathematics. East Liverpool, O.
- Brooks, Jessie Mae
A.B. (Meredith College), English. Vass, N. C.
- Brown, Elizabeth
A.B. (Blue Mountain College), English. Pontotoc, Miss.
- Brown, Gilbert Elgar
A.B. (Wilmington College), Education. War, W. Va.
- Brown, Margaret Louise
A.B. (Queens-Chicora College), Education. Sumter, S. C.

- Browne, Margaret Augusta
A.B. (Birmingham-Southern College), History. Chattanooga, Tenn.
- Bryan, William Alfred
A.B. (College of Charleston); A.M. (Duke University), English. Sumter, S. C.
- Buchanan, Edith
A.B. (Meredith College), English. Cullowhee, N. C.
- Bulwinkle, Muriel Charlton
A.B. (Duke University), English, Education. Gastonia, N. C.
- Burch, Eula Frances
A.B. (Limestone College), Mathematics. Cheraw, S. C.
- Burdette, Charlotte Elizabeth
A.B. (Marshall College), Education. Charleston, W. Va.
- Burdette, Dorothy Nell
B.S. (Northwestern University), Education. Damascus, Md.
- Burkhardt, William Emory
A.B. (Washington College), Political Science. Easton, Md.
- Burks, Harry Hunter
A.B. (Shepherd State Teachers College), Education, Sociology. Berryville, Va.
- Burnett, Ethel Jones
A.B. (Lander College), Zoology. Swansea, S. C.
- Burns, Grover Preston
A.B. (Marshall College); M.S. (West Virginia University), Mathematics. Culloden, W. Va.
- Burton, Clarence Edwin
A.B. (Piedmont College), English, Education. Mountain City, Ga.
- Burts, Robert Milton, Jr.
A.B. (Berry College), History. Honea Path, S. C.
- Butcher, Jared Arthur
A.B. (Glenville State Teachers College), Education, History. Gassaway, W. Va.
- Bynum, Myrtle Mae
B.S. (Western Carolina Teachers College), Education. Maysville, N. C.
- Byrd, James Curtis
B.S. (Florida Southern College), Education, Sociology. Boca Grande, Fla.
- Callaway, Minnie McNeill
B.S. (University of Alabama), Education. Pahoee, Fla.
- Cambron, Marjorie
A.B. (Tennessee College for Women), Sociology. Nashville, Tenn.
- Campbell, Carrie Belle Craig
A.B. (Duke University), French. Durham, N. C.
- Campbell, Edith Laluna
B.S. (East Tennessee State Teachers College), Education. Johnson City, Tenn.
- Cardwell, Raymond Elbert
A.B. (University of Chattanooga), Religion. Lenoir City, Tenn.
- Carlson, Lillian Elsie
A.B. (Otterbein College), English. Paducah, Ky.
- Carlson, Otto A., Jr.
A.B. (Colgate University), Botany, Education. Sugar Grove, Pa.
- Carpenter, Alta Buane
A.B. (Marshall College), English. Wheeling, W. Va.
- Carr, Heyward Alexander
A.B. (Erskine College), Education. Georgetown, S. C.
- Carruthers, Emily Lee
A.B. (Juniata College), English. Mount Union, Pa.
- Carson, Louise Geddings
A.B. (Winthrop College), Education. Beaufort, S. C.
- Carter, Maude
A.B. (University of Georgia), English. High Point, N. C.
- Catchings, Hertha Wilma
B.S. (Delta State Teachers College), Education. Canton, Miss.
- Chapman, Marvin Luther
A.B. (Newberry College), Education. Anthony, Fla.

- Chapman, Mildred Frances
A.B. (Marshall College), Education. Hartford, W. Va.
- Chatfield, Carolyn Lucinda
B.S. (Union College), Education. Pleasant View, Ky.
- Chester, William Asbury
A.B. (Emory University), History. Jacksonville, Fla.
- Chesnut, Doris Ray
B.S. (Farmville State Teachers College), Political Science. Durham, N. C.
- Chisman, Margaret Sue
A.B. (Vanderbilt University), English. Memphis, Tenn.
- Chiverton, William Scott
B.S. (Glassboro State Teachers College), Education, Sociology. Pitman, N. J.
- Clark, John Bunyan, Jr.
A.B. (Mercer University), History. Macon, Ga.
- Clark, Martha Louise
B.S. (Sweet Briar College), Zoology. Lynchburg, Va.
- Cleaveland, Frederic Neill
A.B. (Duke University), Political Science. Durham, N. C.
- Clees, James Cameron
A.B. (Duke University), English. Montoursville, Pa.
- Cleveland, Opal Jean
A.B. (University of Kentucky), English. Fort Meade, Fla.
- Cluney, L. Patricia
A.B. (University of Miami), Education. Coconut Grove, Fla.
- Cochran, Margaret Jeane
B.S. (Queens College), Zoology. Kimball, W. Va.
- Cochrane, Kathryn Mitchell
A.B. (Western Maryland College), Education. La Plata, Md.
- Coe, Forrest B.
B.S. (Slippery Rock State Teachers College), Political Science. Emporium, Pa.
- Coffinbarger, Willard Richard
A.B. (Shepherd State Teachers College), Zoology. Hedgesville, W. Va.
- Coil, Ivy Leona
A.B. (University of Florida), Education. Largo, Fla.
- Cole, Margaret Evelyn
A.B. (Mississippi State College for Women), Zoology. Baldwin, Miss.
- Coleman, Virginia Lee
B.S. (Farmville State Teachers College), Education. Warrenton, Va.
- Combs, James Howard
B.S. (Appalachian State Teachers College), Education, Sociology. Woodlawn, Va.
- Combs, Paul Warne
A.B. (Morehead State Teachers College), Education, Sociology. Lewisburg, W. Va.
- Conte, John Peter
A.B. (Washington and Jefferson College), History, Education. Monongahela, Pa.
- Cook, Viola
A.B. (Kentucky Wesleyan College), English. Whitesburg, Ky.
- Cooper, John Marvin
A.B. (Pennsylvania State College), History, Economics. Union City, Pa.
- Cope, Lois Ruth
A.B. (Southeastern Louisiana College), Education. Hammond, La.
- Copp, Earl Picard
A.B. (Dartmouth College), English. Middlebury, Conn.
- Corlett, Elizabeth Samele
A.B. (University of Miami), Education. Miami, Fla.
- Council, Annabell
B.S. (Appalachian State Teachers College), English. Durham, N. C.
- Cox, Esther Lee
A.B. (Guilford College), Education. Goldsboro, N. C.
- Cox, James Stanley
A.B. (Elon College), History. Burlington, N. C.

- Cox, Luther Bigby
A.B. (University of South Carolina); A.M. (Columbia University), English.
- Cozad, Florence Elizabeth
B.S. (West Virginia University), English.
- Craven, Clyde Rober, Jr.
A.B. (Duke University), English.
- Crosby, Janet Gaw
A.B. (University of Pittsburgh), Education.
- Crouch, Walton
B.S. (South Georgia Teachers College), Education.
- Csiszar, Helen Marie
B.S. (Indiana State Teachers College), Education, Economics.
- Curry, Wayne Burbage
A.B. (Bowling Green College of Commerce), Education.
- Dale, Dorothy Jeanne
A.B. (Murray State Teachers College), English.
- Davies, Elizabeth Jane
A.B. (Denison University), Education.
- Davis, Jesse Maxwell
B.S. (Indiana State Teachers College), Zoology.
- Davis, Mary Eloise
A.B. (Florida State College for Women), Education.
- Deal, Ella Frances
A.B. (Maryville College); A.M. (George Peabody College for Teachers), Education.
- Dedman, Robert Owens
A.B. (Maryville College), Botany.
- DeVault, Irma G.
A.B. (Emory and Henry College), Education, English.
- Dew, Joanna
A.B. (Florida State College for Women), History.
- Dickinson, Vivian Sanson
B.S. (Morris Harvey College), Education.
- Dorsett, Jett Marion
A.B. (Mississippi College), Education.
- Dotson, Eva Louise
B.S. (Georgia State College for Women), Education.
- Dowling, Curtis Finley
A.B. (University of Florida), English.
- Doyle, Margery Lois Pratt
B.S. (University of Wisconsin), Education.
- Doyle, Meryl Daniel
A.B. (Carroll College), Education.
- Duggins, Clarence Wofford
A.B. (Western Kentucky State Teachers College), Economics.
- Dunbar, Alonzo Burdell
B.S. (Mansfield State Teachers College), Education.
- Dupree, John Louis
B.S. (Wake Forest College), Education.
- Durden, George Douglas
B.S. (South Georgia Teachers College), English.
- Early, Benjamin Weisiger
A.B., A.M. (University of Virginia), English.
- Echerd, Eugenia Mae
A.B. (Lenoir Rhyne College); A.M. (Duke University), Education.
- Eddy, George Norman
Th.B. (Gordon College); A.M. (University of New Hampshire); M.Ed (Springfield College), Sociology.
- Edwards, John William
A.B. (Marshall College), Education.
- Edwards, Lillian Aldridge
A.B. (Meredith College), English.
- Belton, S. C.
- West Alexander, Pa.
- Charlotte, N. C.
- Pittsburgh, Pa.
- Dawson, Ga.
- Midland, Pa.
- Delbarton, W. Va.
- Murray, Ky.
- Shaker Heights, O.
- Terre Haute, Ind.
- Tallahassee, Fla.
- Brunswick, Ga.
College for Teachers), Education.
- Somerset, Ky.
- Emory, Va.
- Alachua, Fla.
- Barboursville, W. Va.
- Lucedale, Miss.
- Savannah, Ga.
- Jacksonville, Fla.
- Richland Center, Wis.
- Oconto, Wis.
- Durham, N. C.
- Olyphant, Pa.
- Kannapolis, N. C.
- Yatesville, Ga.
- Richmond, Va.
- Taylorsville, N. C.
- Springfield, Mass.
- Matoaka, W. Va.
- Williamston, N. C.

- Edwards, Samuel Reese
B.S. (Mansfield State Teachers College), Education. Williamston, N. C.
- Egerton, Anna Elizabeth
A.B. (East Carolina Teachers College), Education. Cameron, N. C.
- Elder, Frances Ruth
B.S. (University of Miami), Botany. Miami, Fla.
- Ellerbe, Isla Ramoth
A.B. (Winthrop College), English. Columbia, S. C.
- Ellis, Eunice Virginia
B.S. (University of Miami), Sociology. Miami, Fla.
- Ellis, Sarah Viola
A.B. (Florida State College for Women), Education. Miami, Fla.
- Emley, Edward
A.B. (Glassboro State Teachers College), English. Mount Holly, N. J.
- Enders, Donald Earl
B.S. (Gettysburgh College), Education. Lykens, Pa.
- Engle, Ned Alfred
B.S. (Slippery Rock State Teachers College), Education. Fredonia, Pa.
- Erickson, John Otto
B.S. (University of Minnesota), Biochemistry. Virginia, Minn.
- Espenshade, Eby Charles
B.S. (Elizabethtown College), History. Elizabethville, Pa.
- Evans, Eunice Ledbetter
A.B. (Salem College), Education. Morganton, N. C.
- Evatt, David Gaines
B.S. (Clemson College), Education, Sociology. Jonesville, S. C.
- Facinoli, Adele
A.B. (New River State College), Education, English. Glasgow, W. Va.
- Faucette, Olive Cannady
A.B. (Duke University), Education. Durham, N. C.
- Faulk, Joseph Hampton
A.B., A.M. (University of South Carolina), Education. Spartanburg, S. C.
- Fernandez, Alice Wheeler
B.M. (Florida State College for Women), English. Starke, Fla.
- Fleming, Colynn Eloise
A.B. (Baylor University), Education. Gladewater, Tex.
- Flory, Anne Putney
A.B. (Farmville State Teachers College); A.M. (Duke University), Political Science. Princeton, N. J.
- Fohl, Jean Mae
B.S. (Shippensburg State Teachers College), Education. Biglerville, Pa.
- Ford, Dorothy Helen
B.S. (Farmville State Teachers College), Education. Arvonnia, Va.
- Fordyce, James Thomas
A.B. (Glennville State Teachers College), Education. Grafton, W. Va.
- Foscue, Clara Simmons
A.B. (Woman's College of the University of North Carolina), English, Education. Maysville, N. C.
- Foster, Julia Belle
A.B., A.M. (University of South Carolina), English. Marion, S. C.
- Fowler, Frederick Lybrand
A.B. (Wofford College), Education. Orangeburg, S. C.
- Frazier, Kathryn Eleanor
B.S. (New Jersey State Teachers College), Education. Blackwood, N. J.
- Free, Martha Marie
A.B. (Piedmont College), Education, English. Clarkesville, Ga.
- Frowen, Frederick William
B.S. (Presbyterian College), Education. McColl, S. C.
- Fultz, Mary Catherine
A.B. (Bridgewater College), English. Ararat, Va.
- Fulweiler, Florence Siefried
A.B. (Lebanon Valley College), English, Education. Columbia, Pa.

Funk, Thorold Shaffer A.B. (West Virginia Wesleyan College), Education.	Rowlesburg, W. Va.
Funkhouser, Joseph Alfred A.B. (Randolph Macon College), Education.	Beaverdam, Va.
Gainer, Carl Edwin A.B. (Alderson-Broadbudds College), Education.	Belington, W. Va.
Gaither, Nenita Theresa A.B. (Greensboro College), Zoology.	Reidsville, N. C.
Gamble, Nina Cusick A.B. (Maryville College), Education.	Maryville, Tenn.
Gardner, Mary Margaret B.S. (Washington College), Education.	Greensboro, Md.
Gardner, Ralph Ahiga A.B., A.M. (University of Kentucky), Philosophy.	Somerset, Ky.
Garrett, Denzel Raymond A.B. (Glenville State Teachers College), Education.	Charleston, W. Va.
Garrett, Harold Ray A.B., B.S. (Salem College), Education.	Harrisville, W. Va.
Gary, Jimmie Estelle A.B. (Mississippi State College for Women), Education.	Eupora, Miss.
Gathman, Craig Argyle B.S. (Alfred University), Mathematics.	West Palm Beach, Fla.
Gatlin, Ruth Arrie A.B. (University of Arkansas), Education.	Grady, Ark.
Geiger, Walter Miller A.B. (Baldwin-Wallace College), Education.	Cleveland, O.
Gentry, Thomas Oliver A.B. (Duke University), Education, Political Science.	Hurdle Mills, N. C.
Gibson, Samuel Koonce B.S. (Gettysburg College), Education.	DuBois, Pa.
Gilfoyle, Mary Louise B.S. (Mansfield State Teachers College), Sociology, Education.	Ulster, Pa.
Gillespie, Dorothy Major A.B. (Columbia College), English.	Anderson, S. C.
Ginther, James Edward A.B. (College of Wooster), English.	North Canton, O.
Glott, Ralph B.S. (California State Teachers College), Education.	California, Pa.
Godard, Doris Elizabeth A.B. (Georgia State College for Women), History.	Milledgeville, Ga.
Goldsworthy, James William B.S. (West Virginia University), Education.	Keyser, W. Va.
Goodwin, Norvelle Winston A.B. (College of William and Mary), Economics, Sociology.	Louisa, Va.
Greene, James Oscar A.B. (Berea College), Education, Economics.	Nolan, W. Va.
Greene, Kathryn B.S. (Mississippi State College for Women), Education, Sociology.	Baldwyn, Miss.
Griffin, Joseph Earle B.S. (The Citadel); LL.B. (University of South Carolina), Political Science.	Florence, S. C.
Hackney, Edward June B.S. (Duke University), Chemistry.	Durham, N. C.
Hahn, Samuel Wilfred A.B. (Lenoir Rhyne College), Mathematics.	Winston-Salem, N. C.
Hale, Nancy Adelaide B.S. (University of Tennessee), Education.	Morristown, Tenn.
Hales, Mamie Dorotheleen B.S. (North Carolina State College), English.	High Point, N. C.
Halliburton, Hilda Smathers B.S. (Asheville Normal and Teachers College), Education.	Clyde, N. C.

- Hanks, Thomas Edgar
B.S. (Radford State Teachers College), Sociology. Galax, Va.
- Harbison, James Wesley
A.B. (Duke University), Education, Economics. Pinehurst, N. C.
- Harper, Herbert Dewey
A.B. (Howard College), History, Education. Montevallo, Ala.
- Harris, Adah Lenora
A.B. (Salem College), Education, Psychology. Salem, W. Va.
- Harris, Nancy Maude
B.S. (University of Chattanooga), Mathematics. N. Chattanooga, Tenn.
- Harris, Yeuell Yeamans
A.B. (King College), History. Bristol, Va.
- Harrison, Marvin Oziel
A.B. (Florida Southern College), Economics. Tallahassee, Fla.
- Harvey, Betty Ruth
B.S. (Indiana State Teachers College), Education. Clearfield, Pa.
- Hassell, Robert Wesley
B.S. (Ursinus College), Mathematics, Education. Bridgeport, Pa.
- Haugh, Florence Irma
A.B. (Geneva College), Spanish. Pittsburgh, Pa.
- Haynes, Albert Ford, Jr.
B.S. (Memphis State Teachers College), Education. Colliersville, Tenn.
- Haynes, Lewis Clay
A.B. (Bowling Green College), Economics. Freeman, W. Va.
- Heagy, Dorothy May
B.S. (Millersville State Teachers College), Education. York, Pa.
- Heape, Rita Polk
A.B. (Furman University), Education, Psychology. Greenville, S. C.
- Heidler, Lillian May
B.S. (Millersville State Teachers College), Education. Columbia, Pa.
- Hellams, Edith Cornelia
A.B. (Winthrop College), English. Laurens, S. C.
- Henderson, Anne DeHaas
B.S. (Millersville State Teachers College), Education. Lebanon, Pa.
- Herndon, Fred Jackson
A.B. (Duke University), Education. Durham, N. C.
- Herndon, Nannie Mae
A.B. (Duke University), Education. Durham, N. C.
- Hesse, Herman William
A.B. (Roanoke College), Education. Savannah, Ga.
- Hildebrand, Abbie Seals
B.S. (Asheville Normal and Teachers College), Education. Connelly Springs, N. C.
- Hill, Ione Smith
B.Litt. (Converse College), Education. Miami Beach, Fla.
- Hill, Madeline
B.S. (Farmville State Teachers College), Botany. Mitchells, Va.
- Hitchcock, Margaret Frances
B.S. (Tampa University), English. Tampa, Fla.
- Holcombe, Lena Mae
A.B. (Limestone College), Education. Fountain Inn, S. C.
- Holland, Ernest Greenfield
A.B. (Washington College), Education. Pocomoke City, Md.
- Holley, Daniel Lester
A.B. (Newberry College), Education, English. Chesterfield, S. C.
- Holloman, Edna Plassette
B.Ed. (Rider College), Education. McKinney, Tex.
- Holmes, Marjorie Moran
A.B. (Marshall College), History. Charleston, W. Va.
- Holston, Norene
A.B. (Concord State Teachers College), Education. Montcalm, W. Va.

Hood, William Clayton A.B. (Western Kentucky State Teachers College), Education.	Summer Shade, Ky.
Hooper, Charlotte Lucille A.B. (Meredith College), English.	Robbinsville, N. C.
Hopkins, Alma Barr B.S. (Winthrop College), Economics.	Rowesville, S. C.
Horton, George Raymond B.S. (Rutgers University), Education.	Locust Valley, N. Y.
House, Helen Willis A.B. (Vanderbilt University), Education.	Hogansville, Ga.
Howard, Lottie Ruth A.B. (Florida State College for Women), Education.	Dade City, Fla.
Howard, Lula Virginia A.B. (Georgia State Teachers College), Spanish.	Americus, Ga.
Howell, Thelma A.B., A.M. (Duke University), Zoology.	Macon, Ga.
Hudson, Donald Burnard A.B. (Juniata College), Education.	Everett, Pa.
Huff, Jesse William B.S. (University of Pittsburgh), Biochemistry.	Jeannette, Pa.
Huggin, Jamin Bryan A.B. (Limestone College), Education, History.	Gaffney, S. C.
Hull, Alfred Newton A.B. (Concord State Teachers College), Economics.	Hillsboro, W. Va.
Huston, Claudia Mae A.B. (Howard College), Education, History.	Birmingham, Ala.
Huston, Edith Griffith A.B. (Mississippi State College for Women), English.	Indianola, Miss.
Hyatt, Jack Howell B.S. (Berry College), Education, Sociology.	Summerville, Ga.
Irvin, Ruth McElhanev A.B. (Thiel College), History, Education.	Rochester, Pa.
Ivill, Mary Adelaide B.S. (California State Teachers College), Education.	DuBois, Pa.
Jakes, Frank Henry, Jr. A.B. (Otterbein College); B.E. (University of Cincinnati), Education.	Newark, O.
James, Ruth Olive B.S. (Memphis State Teachers College), English.	Bells, Tenn.
Jarecke, Walter Henry B.S. (Bloomsburg State Teachers College), Education, History.	Glen Lyon, Pa.
Jay, Lemuel Eugene B.S. (South Georgia Teachers College), English.	Claxton, Ga.
Jenkins, Alfred Le Sesne A.B. (Emory University), Education.	Baxley, Ga.
Johnson, Carl Lennart B.S. (Mansfield State Teachers College), Education.	Bradford, Pa.
Johnson, Emma Bain A.B. (Duke University), English.	Thomasville, N. C.
Johnston, Mildred Hearne A.B. (Concord State Teachers College), Education.	Oakvale, W. Va.
Joiner, Sarah Benton A.B. (Georgia State Teachers College), English.	Savannah, Ga.
Jones, David D. B.S. (Madison College), Education.	Moores Store, Va.
Jones, Eugenia Middleton B.S. (Erskine College), History.	Mt. Croghan, S. C.
Jones, Georgia Mae B.S. (Mississippi Southern College), Education.	Tylertown, Miss.
Jones, Martha Louise A.B. (Georgia State Woman's College), English.	Lakeland, Ga.

- Jones, Norma C.
B.S. (Central State Teachers College), Education. Howard City, Mich.
- Jones, Perry Lee
A.B. (Duke University), Chemistry. Norfolk, Va.
- Jones, Vivienne Allen
B.S. (Florida State College for Women), Education. Miami, Fla.
- Jones, William Brannock
A.B. (Western Maryland College), Education. Ellicott City, Md.
- Jordan, Carrie Lee
A.B. (College of William and Mary), History, Education. Dublin, Va.
- Keaton, Varena Cathlee
A.B. (Concord State Teachers College), Education. Princeton, W. Va.
- Keen, Quentin Begley
A.B. (Berea College), History. Buckhorn, Ky.
- Keever, Nancy Catherine
A.B. (Duke University), Botany. Stony Point, N. C.
- Kennedy, Dollie Eleanor
A.B. (Erskine College), Mathematics. Blackstock, S. C.
- Kennedy, Philip Edward
A.B. (Fairmont State Teachers College); A.M. (West Virginia University), English. Fairmont, W. Va.
- Kennedy, William Meek, Jr.
A.B. (Erskine College), Education, Political Science. Rock Hill, S. C.
- Kernodle, Jennie Sue
A.B. (Duke University), Education. Durham, N. C.
- Kessell, Harry Rayburn
B.S. (Morris Harvey College), Zoology. Charleston, W. Va.
- Kidd, Rex Charles
B.S. (East Tennessee State Teachers College), Education. Maryville, Tenn.
- King, John Talbert
A.B. (Elon College), Zoology. Burlington, N. C.
- King, Sallie Rebecca
A.B. (Duke University), Education. St. Pauls, N. C.
- King, Sara Edna
A.B. (Geneva College), History. Beaver Falls, Pa.
- Kirkwood, Edith Pearl
B.S. (Radford State Teachers College), Political Science, Mathematics. Roanoke, Va.
- Kiser, Vernon Benjamin
A.B. (Wofford College), Sociology. Bowman, S. C.
- Kline, Carrie Blanche
A.B. (Marshall College), Education, English. Milton, W. Va.
- Kline, Irene Tabitha
A.B. (Oberlin College), Botany. Connellsville, Pa.
- Knight, Mary Edna
A.B. (East Carolina Teachers College), English. Bynum, N. C.
- Knight, Ray
B.S. (Appalachian State Teachers College), Education. Trade, Tenn.
- Knoll, Dorothy Bard
A.B., B.M. (DePauw University), Education. Miami, Fla.
- Kochman, Philip
B.S. (Glassboro State Teachers College), Political Science, Education. Williamstown, N. J.
- Kornick, Mary Doris
B.S. (California State Teachers College), Sociology, Education. Allison, Pa.
- Krebs, Vera May
A.B. (Marshall College), Education, History. St. Albans, W. Va.
- Laise, Sarah Virginia
A.B. (Shepherd State Teachers College), Education. Bunker Hill, W. Va.
- Lane, James Frank, Jr.
A.B. (University of Maryland), English. Goldsboro, Md.
- Lashure, Melvin Murray
B.S. (Appalachian State Teachers College), Sociology. Kannapolis, N. C.

Lawson, Sarah Margaret A.B. (Lander College), Education.	Calhoun Falls, S. C.
Leigh, Bessie Louise B.S. (Memphis State Teachers College), Education.	Memphis, Tenn.
Lesley, Mattie Virginia A.B. (University of Mississippi), Education.	Abbeville, Miss.
LeVan, Amy Rebecca A.B. (Albright College), English.	Lebanon, Pa.
Levinson, Joe Herman A.B. (Duke University), Education.	Benson, N. C.
Lewis, Barbara Jean B.S. (Beaver College), Education.	Pittsburgh, Pa.
Lewis, Charles Leroy A.B. (Mississippi College), Education.	Neshoba, Miss.
Lewis, Ralph La Verne A.B. (University of Scranton), Political Science.	Carbondale, Pa.
Linschitz, Henry B.S. (College of the City of New York); A.M. (Duke University), Chemistry.	New York, N. Y.
Lipscomb, Arthur McLaurine, Jr. A.B. (Virginia Military Institute), English.	Lexington, Va.
Lloyd, Ruth A.B. (East Carolina Teachers College), Education.	Spencer, N. C.
Lodge, Elizabeth B.S. (Temple University), Psychology, Education.	Reading, Pa.
Loftis, Lois B.Mus., A.B. (Furman University), Education.	Asheville, N. C.
Lord, Charles Amon A.B. (Shepherd State Teachers College), History.	Martinsburg, W. Va.
Loving, Grace Evelyn A.B. (Woman's College of the University of North Carolina), English.	Drakes Branch, Va.
Lusk, Mary Sue B.S. (East Tennessee State Teachers College), Education.	Johnson City, Tenn.
Luttrell, Karl Francis B.S., A.B. (University of Florida), Education.	Brooksville, Fla.
Lytle, Raymond Alfred B.S. (Wofford College), Mathematics.	Spartanburg, S. C.
McAndrew, Mary Elizabeth B.S. (West Chester State Teachers College), Education.	Chevy Chase, Md.
McCain, Paul Moffatt A.B. (Erskine College), Political Science.	Decatur, Ga.
McCall, Azelia Bennett B.S. (Asheville Normal and Teachers College), Education, History.	Asheville, N. C.
McCalley, Charlotte Pattie B.S. (Fredericksburg State Teachers College), Education.	Fredericksburg, Va.
McCardwell, Hallie Frances A.B. (Lenoir Rhyne College), History.	Durham, N. C.
McCarley, Mary Francis B.S. (Memphis State Teachers College), Education.	Memphis, Tenn.
McClure, Sara Hellen A.B. (Limestone College), Education.	Spartanburg, S. C.
McCown, Marietta A.B. (Winthrop College), Education.	Anderson, S. C.
McCrary, Otho Elmer A.B. (Mississippi College), Zoology.	Ellisville, Miss.
McDonald, Alma Ione A.B. (Mississippi College), Education.	Clinton, Miss.
McDowell, Virginia A.B. (Murray State Teachers College), English.	Paducah, Ky.

- McFadyen, Alvan Robbins
A.B. (University of North Carolina), English. Fayetteville, N. C.
- McFeely, Thomas Francis
B.S. (Villanova College), Education. Hoboken, N. J.
- McGee, Charles McKay, Jr.
A.B. (Furman University), English. Greenville, S. C.
- MacIntosh, Fred Henry
A.B. (University of South Carolina), English. Columbia, S. C.
- McIntosh, John William
A.B., A.M. (University of Alabama), History. Birmingham, Ala.
- McIntosh, Mary Perry Collier
A.B. (Birmingham-Southern College), French. Birmingham, Ala.
- McKinney, Clarence Cleophas
A.B. (Fairmont State Teachers College), Education. Bridgeport, W. Va.
- McLaughlin, Margaret Elinor
A.B. (Concord State Teachers College), Sociology. Big Chimney, W. Va.
- McLeod, Samma Helen
B.S. (East Tennessee State Teachers College), Education. Johnson City, Tenn.
- MacPhail, Donald
B.S. (Panzer College), Education. Millburn, N. J.
- Mannello, Jeannette
B.S. (Buffalo State Teachers College), Education. Rockville Centre, N. Y.
- Manning, Janie
A.B. (Winthrop College), Mathematics, Education. Clio, S. C.
- Marcikonis, Paul John
B.S. (Mansfield State Teachers College), Education. Hudson, Pa.
- Marlowe, Rufus Edward
A.B. (Duke University), English. Wilson, N. C.
- Marr, Claude C.
A.B. (Duke University), Education. Candler, N. C.
- Marshall, Harris Andrew
A.B. (Furman University), Education, Sociology. McColl, S. C.
- Martin, Mary Mercedes
A.B. (Marshall College), Psychology. Huntington, W. Va.
- Martin, Sarah Ruth
B.S. (East Tennessee State Teachers College), Education. Johnson City, Tenn.
- Martino, Caroline Amelia
A.B. (Hood College), Education. Federalsburg, Md.
- Matchett, Ruth
B.S. (Glassboro State Teachers College); M.Ed. (Duke University), Education. Moorestown, N. J.
- Mathias, Ama Avis
B.S. (Madison College), English, Education. Mathias, W. Va.
- Mathias, Audrie Lynn
B.S. (Madison College), English, Education. Mathias, W. Va.
- Meek, Charles Terry
B.S. (Louisiana State University), Education. Sparta, Tenn.
- Melton, Jack Robert
A.B. (Duke University), Education. Charlotte, N. C.
- Mendola, Irene Gloria
B.S. (California State Teachers College), Mathematics. Donora, Pa.
- Merkle, Mildred Olive
A.B. (Baldwin-Wallace College), Education. Parma Heights, O.
- Meserve, Bruce Elwyn
A.B. (Bates College), Mathematics. Portland, Me.
- Michael, Chloe
B.S. (Appalachian State Teachers College), English. Boone, N. C.
- Middleton, Mary
A.B. (Woman's College of the University of North Carolina), Education. Walnut Cove, N. C.
- Miller, Cecil Lee
A.B. (Concord State Teachers College), Education. Beckley, W. Va.

Miller, Sidney Franklin B.S. (The Citadel), Education.	Varnville, S. C.
Millire, Charles Max B.S. (Mansfield State Teachers College), Education.	Reynoldsville, Pa.
Mitchell, Isaac Leonidas A.B. (Berea College), Education, Political Science.	Alderson, W. Va.
Mitchell, Katherine Hurt A.B. (Martha Washington College), Education.	Johnson City, Tenn.
Mitchell, Rachel Jeannette B.S. (Maryland State Teachers College), Education.	Salisbury, Md.
Mitchell, Rhoda Mae A.B. (Marshall College), History.	Huntington, W. Va.
Moffett, Robert Preyer B.S. (Duke University), Chemistry.	Greensboro, N. C.
Montague, Kathryn Louise A.B. (Duke University), Education, English.	Durham, N. C.
Montgomery, Clyde Raymond A.B. (Salem College); M.S. (West Virginia University), Education, Psychology.	Andrews, N. C.
Montgomery, John Fleshman A.B. (Hampden-Sydney College); A.M. (University of Southern California), Education.	Lewisburg, W. Va.
Moore, Bruce Lipscomb A.B. (Coker College), Education, English.	Columbia, S. C.
Moore, Dan Connell A.B., A.M. (Emory University), Mathematics.	Culverton, Ga.
Moore, Vivian Celeste A.B. (Eastern Kentucky State Teachers College), Education, English.	Frankfort, Ky.
Morehead, Mildred Lillian A.B. (Mississippi State College for Women), English.	Jackson, Miss.
Morris, Woodrow Wilson A.B. (Glenville State Teachers College), Education.	Summersville, W. Va.
Mowrey, Corma Alice A.B. (Salem College), Education.	Clarksburg, W. Va.
Mowshowitz, Israel A.B. (Yeshiva College), Psychology.	Durham, N. C.
Munroe, Elizabeth Tims A.B. (Flora Macdonald College), Education.	High Point, N. C.
Munson, Lucille Anne A.B. (West Virginia Wesleyan College), Education.	Buckhannon, W. Va.
Murdoch, Bernard Constantine B.S. (Appalachian State Teachers College); M.Ed. (University of Cincinnati), Education.	Charlotte, N. C.
Nelson, Dorothy Lillian B.S. (California State Teachers College), English.	Bentleyville, Pa. Education.
Nelson, Herman Berg A.B. (Duke University), History.	Tamaqua, Pa.
Newbern, Mayme Betty A.B. (Chowan College), Religion.	Tarboro, N. C.
Newlon, Merle Dwight A.B. (Alderson-Broadus College), Education, Sociology.	Flemington, W. Va.
Nosal, Walter Stanley B.S. (Indiana State Teachers College), Education.	Jerome, Pa.
Ockerman, Elbert Wakefield A.B. (Lincoln Memorial University); A.M. (University of Kentucky), History.	Corbin, Ky.
Okes, Charles Harold A.B. (Concord State Teachers College), Education.	Dunns, W. Va.
Omwake, Henri Geiger A.B. (Franklin and Marshall College), Sociology, Education.	Hockessin, Del.
O'Neal, Alice Burriss A.B. (Winthrop College), Education.	Anderson, S. C.

- Ouzts, James Byrnes
B.S. (Clemson College), Economics, Education. Edgefield, S. C.
- Packard, Emerson Warren
B.S. (Lock Haven State Teachers College), Education. Jersey Shore, Pa.
- Pafford, Julian Aubrey
B.S. (South Georgia Teachers College), Education. Brooklet, Ga.
- Page, Inez Harlee
A.B. (Duke University), History. Durham, N. C.
- Parker, Anne Elizabeth
A.B. (University of Chattanooga); A.M. (Duke University), Spanish. Chattanooga, Tenn.
- Parsons, Meda Fern
A.B. (Lincoln Memorial University), Education. Dryden, Va.
- Paskins, Cloyd Woodrow
B.Ed. (Eastern Illinois State Teachers College), History. Fort Myers, Fla.
- Paston, Mary Arline
B.S. (Indiana State Teachers College), Sociology, Education. Republic, Pa.
- Patterson, William Strong, Jr.
A.B. (Erskine College), History. Kershaw, S. C.
- Patton, Jessie Ellen
A.B. (Marshall College), English. Gap Mills, W. Va.
- Patty, Catherine
A.B. (Mississippi State College for Women), Education. Louisville, Miss.
- Payne, Willie Gertrude
A.B. (Winthrop College), Education. Spartanburg, S. C.
- Peacock, Margaret Elizabeth
B.S. (Florida State College for Women), Education, English. Jacksonville, Fla.
- Peale, Marjorie Elizabeth
A.B. (College of Charleston), English. Charleston, S. C.
- Peebles, Robert Bruce
A.B., B.S. (Kent State University), English. Cuyahoga Falls, O.
- Peel, Wilhelmina E.
B.S. (Bloomsburg State Teachers College), Education, Sociology. Girardville, Pa.
- Perdue, Lillian Mae
A.B. (College of William and Mary), Education. Danville, Va.
- Perry, Gladys Irene
A.B. (Marshall College), English. Branchland, W. Va.
- Pew, Shelba Glenn
A.B. (Marshall College), Botany. Ona, W. Va.
- Phillips, Eva Virginia
A.B. (Georgia State College for Women), Education, History. Macon, Ga.
- Phipps, William Preston
B.S. (King College), Education. Davy, W. Va.
- Pitchford, Harriet Day
B.S. (Mississippi Southern College), Education. Eupora, Miss.
- Porter, Aline
A.B. (Duke University), Education. Wilson, N. C.
- Potter, Winfield Robert
B.S. (Bloomsburg State Teachers College), Education, Sociology. Dalton, Pa.
- Powell, Michael Williams
B.S. (Waynesburg College), Botany. Waynesburg, Pa.
- Powers, Leonard Stewart
A.B. (Duke University), History. Mayodan, N. C.
- Pratt, Lanier Ward
A.B. (Davidson College); A.M. (Duke University), Spanish, French. Louisville, Ky.
- Pressly, Eleanor Crockett
A.B. (Erskine College), Mathematics. Lincolnton, N. C.
- Presson, Harry Lee
A.B. (Duke University), Education, Political Science. Monroe, N. C.
- Price, James William
B.S. (Virginia Polytechnic Institute), Education. Stuart, Va.

Prillaman, Mary Jane	Southern Pines, N. C.
B.E. (Teachers College of Connecticut), Education.	
Purcell, Ralph Elliott	Lakeland, Fla.
A.B. (Florida Southern College); A.M. (Duke University), English.	
Purser, David Ingram, III	Birmingham, Ala.
A.B. (Furman University), English.	
Quarterman, Elsie	Ray City, Ga.
A.B. (Georgia State Woman's College), Botany.	
Quinlan, Clifford James	Canton, O.
A.B. (Georgetown College), Education, History.	
Ragland, Martha Emily Stone	Brownsville, Tenn.
B.S. (University of Tennessee), Education.	
Rainey, Audrey	Buena Vista, Ga.
B.S. (Georgia State College for Women), Education.	
Randall, Stella Alice	Blacksburg, S. C.
A.B. (University of South Carolina), Education, Mathematics.	
Rankin, Charles Elmer	Shelby, N. C.
B.S. (Appalachian State Teachers College), Education.	
Rankin, Mary Frances	Greensboro, N. C.
A.B. (Duke University), History.	
Rasor, Ellen Frances	Cross Hill, S. C.
A.B. (Winthrop College), Mathematics.	
Ratchford, Helen Jeanette	Gastonia, N. C.
A.B. (Ersrine College), English.	
Recano, Henry Howard	New Britain, Conn.
A.B. (University of Kentucky), History.	
Reed, Frances Louise	Lake Providence, La.
A.B. (Louisiana State Normal College), Education.	
Reid, Robert Harding	Reidsville, S. C.
A.B. (Davidson College), History.	
Richards, Claud Henry, Jr.	Fort Worth, Tex.
A.B. (Texas Christian University); A.M. (Duke University), Political Science.	
Richardson, Sarah Evelyn	Clayton, N. C.
A.B. (Woman's College of the University of North Carolina), Education, English.	
Rickman, Raymond Horatio	Critz, Va.
B.S. (College of William and Mary), Political Science.	
Rigg, Ann Evangeline	Parkersburg, W. Va.
A.B. (Fairmont State Teachers College), Education, Sociology.	
Riner, Richard Hickman	Union, W. Va.
A.B. (Concord State Teachers College), Education.	
Ringbloom, Hilda Eleanor	Miami, Fla.
A.B. (University of Miami), History, Education.	
Risner, Benjamin Franklin, Jr.	Calvin, Ky.
A.B. (Union College), History.	
Roberts, Ann McRee	Carthage, N. C.
A.B. (Queens College), English, French.	
Roberts, Charles Wimberley	Bainbridge, Ga.
A.B. (Davidson College), Spanish.	
Roberts, William Flanders	Lake Placid, Fla.
A.B. (University of Florida), History, Economics.	
Robertson, Eleanor Virginia	Fordtown, Tenn.
B.S. (East Tennessee State Teachers College), Education.	
Robertson, Mary Nancy	Heath Springs, S. C.
A.B. (Winthrop College), Education.	
Robinson, Dana Fulcher	Lynchburg, Va.
A.B. (Randolph-Macon Woman's College); A.M. (Columbia University), Sociology.	
Robinson, James Seward, Jr.	Tampa, Fla.
B.B.A. (Emory University), Education.	
Robinson, Mary Virginia	Pound, Va.
A.B. (Emory and Henry College), Education.	

- Robinson, Woodrow Thomas
B.S. (Emory and Henry College), Education. Wise, Va.
- Rogers, Greene Titus
A.B. (Wake Forest College), Education. Mamers, N. C.
- Rogers, Harry, Jr.
B.S. (Troy State Teachers College), Education. Greenville, Ala.
- Rogers, Hollis Jetton
B.S. (Murray State Teachers College); M.S. (University of Kentucky), Botany. Stearns, Ky.
- Rogers, Ruth Virginia
B.S. (Radford State Teachers College), Education. Kimballton, Va.
- Rohrbaugh, Daniel Woodrow
A.B. (Franklin and Marshall College), History. Sunbury, Pa.
- Ross, Patricia Endicott
A.B. (Mississippi State College for Women), French. Albemarle, N. C.
- Rote, John Samuel
A.B. (Susquehanna University), Education. Kittanning, Pa.
- Ruff, Hazel Shelton
A.B. (Mississippi State College for Women), History. Jackson, Miss.
- Rush, Maybeth
A.B. (Blue Mountain College), French. Lake, Miss.
- Russell, Glynn Homer
B.S. (Mississippi Southern College), Education. Enterprise, Miss.
- Sample, Everett Jean
A.B., M.S. (Kansas State Teachers College), English. Pittsburg, Kan.
- Sams, Alma Frances
A.B. (Eastern Kentucky State Teachers College), English. Irvine, Ky.
- Sanders, Martha Rose
B.S. (Florida Southern College), Mathematics, Education. Miami, Fla.
- Sandlin, Hiram Walter
A.B. (College of Charleston), Education. Anderson, S. C.
- Sarett, Herbert Paul
A.B. (Brooklyn College); M.S. (Cornell University), Biochemistry. Brooklyn, N. Y.
- Sassaman, Eric Ansel
A.B. (Western State Teachers College), Education. St. Petersburg, Fla.
- Sasser, Carl
A.B. (University of Georgia), Sociology, Education. Cairo, Ga.
- Savery, Rosalie Kincannon
A.B. (Mississippi State College for Women), Education. Tupelo, Miss.
- Saz, Arthur Kenneth
B.S. (College of the City of New York); A.M. (University of Missouri), Physiology. Corona, N. Y.
- Scarboro, Louise Bernice
A.B. (Georgia State College for Women), English. Stillmore, Ga.
- Scarborough, Henry Baldwin
A.B., A.M. (Duke University), Physics, Mathematics. Mt. Gilead, N. C.
- Scherer, Wallace Brown
A.B. (Davidson College), Psychology. Clover, S. C.
- Scott, Bernice Murray
B.S. (University of Cincinnati), English, Education. Dayton, O.
- Settle, Joseph Hayward
B.S. (University of Virginia), Education. Culpepper, Va.
- Shankle, Carl Edward
B.S. (Clarion State Teachers College), History, Political Science. Big Run, Pa.
- Sharpe, Elizabeth Alice
B.S. (University of Virginia), Education, Psychology. Knoxville, Tenn.
- Sheets, Philip Nestor
A.B. (Salem College), Education. Bridgeport, W. Va.
- Shryock, Mary Katharine
B.S. (California State Teachers College), Education. Wilmore, Pa.
- Shufflebarger, Irma Frances
B.S. (East Radford State Teachers College), Education. Pennington Gap, Va.

- Shuler, Allen Cromer
A.B. (University of Georgia), Education. Neptune Beach, Fla.
- Shumate, Hursie Cleaden
A.B. (Concord State Teachers College), Education. Saulsville, W. Va.
- Simms, Sarah Thelma
A.B. (West Liberty State Teachers College), Education. Short Creek, W. Va.
- Simonds, Gardner William
A.B. (University of New Hampshire), Education. Silver Springs, Md.
- Sinks, Helen Adelaide
B.S. (Miami University), Education. Troy, O.
- Sisk, Josephine Courtney
A.B. (Salem College), Education, Psychology. Lenoir, N. C.
- Sites, Thelma Wilson
B.S. (Madison College), English. Dayton, Va.
- Slusser, Glenn Albert
A.B. (Bluffton College), Education. Amherst, O.
- Smith, Charles Edgar
B.S. (Washington College), Education. New Castle, Del.
- Smith, Edwin Studley
B.S. (Furman University), Chemistry. Atlanta, Ga.
- Smith, Jeanne Menges
A.B. (Mary Baldwin College), Education. Hagerstown, Md.
- Smith, Mary Wilson
A.B. (Shepherd State Teachers College), Education. Charles Town, W. Va.
- Smith, Maude
B.S. (Columbia University), Education. Bramwell, W. Va.
- Smith, Miles Elbert
A.B. (Wofford College), English. Kings Creek, S. C.
- Smith, Ruby Elizabeth
A.B. (Glenville State Teachers College), Education. Clarksburg, W. Va.
- Smith, Theodore Carroll, Jr.
B.S. (Memphis State Teachers College), Education, Economics. Lucy, Tenn.
- Smith, Virginia Alice
A.B. (Woman's College of the University of North Carolina), French. Gaffney, S. C.
- Snavely, Charles Thomas
A.B. (Lincoln Memorial University), Education. Rose Hill, Va.
- Southerland, Beatrice Carver
A.B. (Duke University), Education, Sociology. Bahama, N. C.
- Sowder, Ellie Mae
A.B. (University of Chattanooga), Mathematics. Chattanooga, Tenn.
- Spangler, Dorn Odell
A.B. (Westminster College), Education. Meadows of Dan, Va.
- Sparks, Marye Remelle
A.B. (Athens College), English. Spruce Pine, Ala.
- Spears, Julius Hubert
A.B. (Mercer University); Th.M. (Southern Baptist Theological Seminary), Religion, Sociology. Chatham, Va.
- Spencer, Alden Alva
A.B. (Salem College), Education. Salem, W. Va.
- Starnes, Charles Fugate
A.B. (Milligan College), Education. Gate City, Va.
- Steele, Helen Beatrice
B.S. (Indiana State Teachers College), History, English. Windber, Pa.
- Stein, Stanley Wolfe
A.B. (University of Florida), Education. Jacksonville, Fla.
- Stephens, William Edwin
A.B. (West Virginia Wesleyan College), English. Parkersburg, W. Va.
- Stephenson, Lucile Dunn
B.S. (Farmville State Teachers College), Education. Joyner, Va.

- Stinson, Wanda Marie
B.S. (Bloomsburg State Teachers College), Education. Wilkes-Barre, Pa.
- Stockdale, Ruth Mary
B.S. (Duke University), Chemistry. Pittsburgh, Pa.
- Stoner, Aaron Hess
B.S. (Millersville State Teachers College), Education. Lititz, Pa.
- Strickhouser, Mary Elizabeth
A.B. (Catawba College), English. York, Pa.
- Strickland, Irma Surovy
A.B., A.M. (Hunter College), Economics. Atlanta, Ga.
- Stripling, Edna Harriette
A.B. (Alabama College), French. Birmingham, Ala.
- Strom, Samuel Thaddeus
A.B. (Furman University), Education. Woodruff, S. C.
- Stroude, Alice Pauline
A.B. (Findlay College), Education. Findlay, O.
- Stull, Martha Louise
B.S. (Shippensburg State Teachers College), Education. Waynesboro, Pa.
- Sumner, William Cary, Jr.
B.S. (Murray State Teachers College), Education. Guthrie, Ky.
- Tabor, Dorothy Hazel
A.B. (Wesleyan College), History. Cordele, Ga.
- Talbot, Nandes Simons
A.B. (University of Miami), Education. Miami, Fla.
- Taylor, Ellie Bruce
B.S. (Hobart College), Education. Picture Rocks, Pa.
- Taylor, James David
B.S. (Wake Forest College), Education. Raleigh, N. C.
- Taylor, Melvin Holmes
A.B. (Duke University), Sociology, Education. Charlotte, N. C.
- Thevaos, Deno George
A.B. (Emory University), Education. Augusta, Ga.
- Thomas, Nettie Florence
A.B. (Concord State Teachers College), Botany. Oak Hill, W. Va.
- Thomas, Treasure
A.B. (Baylor University), English. Waco, Tex.
- Thompson, Clarence Edward
B.S. (Geneva College), Mathematics. Freedom, Pa.
- Thompson, Ethel Mae
A.B. (Geneva College), Education. New Brighton, Pa.
- Thompson, Evan Lewis
A.B. (Duke University), English. Taunton, Mass.
- Thompson, Francis Preston
B.S., A.M. (University of South Carolina), Education. Coronaca, S. C.
- Thompson, Kaye Ogilvie
B.S. (University of Miami), English. Miami, Fla.
- Tomeny, Rose Nell
A.B. (Loyola University), English. New Orleans, La.
- Tompson, Reade Yates
B.S. (Brown University), Chemistry. Seekonk, Mass.
- Trammell, Frances Mauldin
B.S., M.S. (Alabama Polytechnic Institute), English. Auburn, Ala.
- Trewhitt, Katharine Alice Lowrey
A.B. (University of Chattanooga), English. Cleveland, Tenn.
- Tucker, John Emmett
A.B. (University of Florida), English. Bradenton, Fla.
- Tyer, Lena Mae
B.S. (Mississippi Delta State Teachers College), Education. Malvina, Miss.
- Umstot, Lena Mabel
A.B. (Shepherd State Teachers College), Education. Keyser, W. Va.

Urey, Frances Gertrude B.S. (Indiana State Teachers College), Education.	Clearfield, Pa.
Usrey, Nancy Emily A.B. (East Carolina Teachers College), Education.	Chadbourn, N. C.
Vance, Virginia Ruth A.B. (Millsaps College), Education.	Jackson, Miss.
Villaume, John Charles A.B. (Gettysburg College), History.	Honesdale, Pa.
Viser, Janis Marie A.B. (Furman University), English.	Greenville, S. C.
Vislocky, Helen B.S. (Geneva College), Education.	Aliquippa, Pa.
Wade, Thelma A.B. (Bessie Tift College), Education.	Sasser, Ga.
Walker, Stanley Earl B.S. (Gettysburg College), Education.	Carlisle, Pa.
Walker, Thelma Pauline B.S. (East Tennessee State Teachers College), Education.	Johnson City, Tenn.
Walton, Wesley Wills B.S. (Glassboro State Teachers College), Education.	Woodlynne, N. J.
Ware, James Edgar B.S. (South Georgia Teachers College), Education.	Benevolence, Ga.
Warf, Roberta Margaret B.S. (Shippensboro State Teachers College), Education.	Williamstown, Pa.
Warner, Harvey Elmer B.S. (Millersville State Teachers College), Education.	York, Pa.
Watkins, Adele Hutchinson B.S. (Farmville State Teachers College), Education.	Farmville, Va.
Watkins, Alice Ledford B.S. (Asheville Normal and Teachers College), Education.	Candler, N. C.
Watson, Betty Jane A.B. (University of Chicago), French, English.	Avon Lake, O.
Watson, Charlie Hugh A.B. (Wofford College), English.	Cross Anchor, S. C.
Wayman, Ruth Ann A.B. (Fairmont State Teachers College), English,	Fairmont, W. Va. Education.
Weathers, Ray Elam A.B. (University of North Carolina), Education.	Shelby, N. C.
Weaver, Benjamin Rhoads B.S. (Millersville State Teachers College), Education.	Columbia, Pa.
Weaver, Millard Henry B.S. (Elizabethtown College), Education, Sociology.	Windber, Pa.
Webb, Lester Dell A.B. (Mississippi College), Education.	Sweatman, Miss.
Weith, Archie James, Jr. A.B., A.M. (Duke University), Chemistry.	Caldwell, N. J.
Wellman, Helen Louise A.B. (Rollins College), English.	Winter Park, Fla.
Welshans, Freel Gardner A.B. (Shepherd State Teachers College), Education.	Shepherdstown, W. Va.
West, Harold Fane A.B. (Glennville State Teachers College), Education.	Glasgow, W. Va.
Whisenant, Ida Margaretta A.B. (Catawba College), English.	Maiden, N. C.
Whitehurst, Lottie West B.S. (Farmville State Teachers College), Education.	Lynchburg, Va.
Wiggins, James Wilhelm B.S. (South Georgia Teachers College), Sociology.	Atlanta, Ga.
Wiggins, Samuel Paul B.S. (South Georgia Teachers College), Sociology, Education.	Dublin, Ga.

- Wilcox, Kathryn Johnson
A.B. (John B. Stetson University), Education. Clearwater, Fla.
- Wiley, Virginia
A.B. (Randolph-Macon Woman's College), Education. Lynchburg, Va.
- Whilhite, Arthur Bolton
A.B. (Erskine College), Education. Lake Placid, Fla.
- Williams, Iula
A.B. (Wake Forest College), Education. Wade, N. C.
- Williams, Ruby Malinda
A.B. (Greensboro College), Botany. Reidsville, N. C.
- Willis, Mary Frances
A.B. (Florida State College for Women), Education. Jacksonville, Fla.
- Willits, Esther May
B.S. (West Chester State Teachers College), History. Laureldale, Pa.
- Wilson, Charles Christopher
B.S. (University of Miami), Botany. Durham, N. C.
- Wilson, Frances Louise
A.B. (University of Miami), Education. Miami, Fla.
- Wilson, Millard Fillmore
A.B. (University of Florida), Education. Jacksonville, Fla.
- Wilson, Raymond G.
B.S. (Memphis State Teachers College), Sociology. Union City, Tenn.
- Wilson, Robert Seth
B.S. (College of Wooster), Education, Sociology. Ashtabula, O.
- Wilson, Ulrey Kaulbach
A.B. (University of Chattanooga), English. Chattanooga, Tenn.
- Wisman, Mary Alice
A.B. (Randolph-Macon Woman's College), English. Lynchburg, Va.
- Wolfarth, William
A.B. (Otterbein College), Education, Sociology. Canton, O.
- Wolfe, Arthur Brown
A.B. (Alderson-Broadus College), Education. Grafton, W. Va.
- Wood, Virginia Loraine
A.B. (Roanoke College), Political Science, History. Roanoke, Va.
- Woodbury, Roy Orlo
B.S. (University of Miami), Botany. Miami, Fla.
- Woodson, Louise
A.B. (Winthrop College), English, Education. Anderson, S. C.
- Woodward, Henry Bascom
A.B. (Howard College), Education. Pine Apple, Ala.
- Wright, Audrey Adele
B.S. (University of Louisville), Education. Louisville, Ky.
- Zoller, Howard Frederick
B.S. (East Stroudsburg State Teachers College), Chemistry. East Stroudsburg, Pa.

SUMMER OF 1941; SECOND TERM

- Abramovitch, Benjamin
B.S. (McGill University), Chemistry. Montreal, Quebec, Canada
- Ackerman, Hugo Sheridan
A.B. (Wofford College), History, Education. Orangeburg, S. C.
- Adams, Katharine Rebecca
A.B., A.M. (Winthrop College), English. Rock Hill, S. C.
- Ahalt, Paul Edwin
A.B. (Roanoke College), Education. Vinton, Va.
- Anderson, Ernest Coleman
A.B. (Duke University), Education. Lenoir, N. C.
- Anderson, Ernest Rogers
B.S. (South Georgia Teachers College), Education. Matthews, Ga.
- Anderson, Ruby Jane
A.B. (Western Kentucky State Teachers College), History. Caneyville, Ky.

Asbury, Jean Gray A.B. (Brown University), Mathematics.	Chambersburg, Pa.
Auld, Floyd William B.S. (Indiana State Teachers College), English.	Dayton, Pa.
Backus, Elbert Leon A.B. (Glenville State Teachers College), Education.	Clendenin, W. Va.
Backus, Tulsa Eloise A.B. (Glenville State Teachers College), Education.	Clendenin, W. Va.
Baird, Sybil A.B. (Howard College), English.	Birmingham, Ala.
Ballagh, Robert Hamilton A.B. (Lynchburg College), Education.	Bedford, Va.
Ballard, Grady Lee A.B. (Howard College), Education, Sociology.	Tallassee, Ala.
Barr, Orville Asbury B.S. (Florida Southern College), Education.	Jacksonville, Fla.
Barrett, Arnold Lankford A.B. (University of Georgia), Economics.	Social Circle, Ga.
Batt, Rosalie Marcelline A.B. (Maryville College), Education.	Alcoa, Tenn.
Baucom, Thomas Victor A.B., A.M. (Duke University), Education.	Oakland, Md.
Beery, Clara Reubel A.B. (Mary Baldwin College); B.S. (Madison College), English.	Washington, D. C.
Beery, Lena Grace A.B. (Marshall College); B.S. (Morris Harvey College), Education.	Elkview, W. Va.
Behrens, Lois B.S. (Florida State College for Women), Education.	Princeton, Fla.
Belcher, Wirt Cashius A.B. (Concord State Teachers College), Education.	Saulsville, W. Va.
Blackburn, Edward Bernard A.B. (Florida Southern College), Education.	Homestead, Fla.
Blackburn, John Hartley A.B. (Florida Southern College), Education.	Anna Maria, Fla.
Blackburn, Patricia Jones A.B. (Florida Southern College), Education.	Homestead, Fla.
Bledsoe, Ernestine A.B. (Wesleyan College), Education.	Ft. Valley, Ga.
Boney, Nancy Virginia A.B. (Winthrop College), English.	Blythewood, S. C.
Boone, William Riley Prichard A.B., B.S. (University of Texas), History.	Marshall, Tex.
Bowman, Audria Mae A.B. (Marshall College), Education.	McConnell, W. Va.
Brant, Vincent B.S. (Washington College), Education, Economics.	Chestertown, Md.
Brantley, Hilda A.B. (Huntingdon College), English.	Jacksonville, Fla.
Brooks, Jessie Mae A.B. (Meredith College), English.	Vass, N. C.
Brown, Gilbert Elgar A.B. (Wilmington College), Education.	War, W. Va.
Browne, Margaret Augusta A.B. (Birmingham-Southern College), History.	Chattanooga, Tenn.
Bryan, Thomas Conn A.B. (Duke University); A.M. (University of North Carolina), History.	Skyland, N. C.
Buchanan, Edith A.B. (Meredith College), English.	Cullowhee, N. C.
Buckwalter, Kathryn Mary B.S. (Millersville State Teachers College), English.	Lancaster, Pa.

- Buller, Laura Eshleman
B.S. (Millersville State Teachers College), English. Lancaster, Pa.
- Bulwinkle, Muriel Charlton
A.B. (Duke University), English. Gastonia, N. C.
- Burdette, Dorothy Nell
B.S. (Northwestern University), Education, Sociology. Damascus, Md.
- Burks, Harry Hunter
A.B. (Shepherd State Teachers College), Education. Berryville, Va.
- Burts, Robert Milton, Jr.
A.B. (Berry College), History, Political Science. Honea Path, S. C.
- Byrd, James Curtis
B.S. (Florida Southern College), Education. Boca Grande, Fla.
- Callaway, Minnie McNeill
B.S. (University of Alabama), Education. Pahokee, Fla.
- Campbell, Carrie Belle Craig
A.B. (Duke University), French. Durham, N. C.
- Campbell, Lola Douglass
B.S. (University of Miami), Education. Miami, Fla.
- Cardwell, Raymond Elbert
A.B. (University of Chattanooga), English. Lenoir City, Tenn.
- Carlson, Lillian Elsie
A.B. (Otterbein College), English. Paducah, Ky.
- Carlson, Otto A., Jr.
A.B. (Colgate University), Education. Sugar Grove, Pa.
- Carpenter, Alta Buane
A.B. (Marshall College), English. Wheeling, W. Va.
- Carr, Heyward Alexander
A.B. (Erskine College), Education. Georgetown, S. C.
- Carter, Maude
A.B. (University of Georgia), English. High Point, N. C.
- Chester, William Asbury
A.B. (Emory University), History. Jacksonville, Fla.
- Chesnut, Doris Ray
B.S. (Farmville State Teachers College), Political Science, Economics. Durham, N. C.
- Chisman, Margaret Sue
A.B. (Vanderbilt University), English. Memphis, Tenn.
- Chiverton, William Scott
B.S. (Glassboro State Teachers College), Education. Pitman, N. J.
- Cleveland, Opal Jean
A.B. (University of Kentucky), English. Fort Meade, Fla.
- Cline, John
A.B., A.M. (Duke University), English. Durham, N. C.
- Cluney, L. Patricia
A.B. (University of Miami), Education. Coconut Grove, Fla.
- Coffinbarger, Willard Richard
A.B. (Shepherd State Teachers College), Zoology. Hedgesville, W. Va.
- Coil, Ivy Leona
A.B. (University of Florida), Education. Largo, Fla.
- Cole, Margaret Evelyn
A.B. (Mississippi State College for Women), Zoology. Baldwyn, Miss.
- Coleman, Virginia Lee
B.S. (Farmville State Teachers College), Education, Psychology. Warrenton, Va.
- Cook, Viola
A.B. (Kentucky Wesleyan College), English. Whitesburg, Ky.
- Cooper, Frances Harlee
A.B. (Carson-Newman College), History. Spartanburg, S. C.
- Cope, Lois Ruth
A.B. (Southeastern Louisiana College), Education. Hammond, La.
- Copp, Earl Picard
A.B. (Dartmouth College), English. Middlebury, Conn.

- Copple, George Ellis
A.B. (Wake Forest College); A.M. (University of Alabama), English. Albemarle, N. C.
- Council, Annebell
B.S. (Appalachian State Teachers College), English. Durham, N. C.
- Cox, Esther Lee
A.B. (Guilford College), Education. Goldsboro, N. C.
- Cox, James Stanley
A.B. (Elon College), English. Burlington, N. C.
- Crater, Virginia Loula
A.B. (Queens-Chicora College); A.M. (University of Florida), English. Gainesville, Fla.
Charlotte, N. C.
- Craven, Clyde Rober, Jr.
A.B. (Duke University), English. Charlotte, N. C.
- Creath, William Fontaine
B.S. (University of Richmond), Education. South Boston, Va.
- Crouch, Walton
B.S. (South Georgia Teachers College), Education. Dawson, Ga.
- Davis, Jesse Maxwell
B.S. (Indiana State Teachers College), Education. Terre Haute, Ind.
- Davis, Mary Eloise
A.B. (Florida State College for Women), Education. Tallahassee, Fla.
- Denneler, Rose Frances
A.B. (Montclair State Teachers College), Economics. Riverside, N. J.
- Dew, Joanna
A.B. (Florida State College for Women), History. Alachua, Fla.
- Duggins, Clarence Wofford
A.B. (Western Kentucky State Teachers College), Education. Durham, N. C.
- Dupree, John Louis
B.S. (Wake Forest College), Education. Kannapolis, N. C.
- Echerd, Eugenia Mae
A.B. (Lenoir Rhyne College); A.M. (Duke University), Education. Taylorsville, N. C.
- Edwards, Lillian Aldridge
A.B. (Meredith College), English. Williamston, N. C.
- Edwards, Samuel Reese
B.S. (Mansfield State Teachers College), Education. Williamston, N. C.
- Elberfield, Edith Jane
B.S. (University of Chattanooga), Education. Signal Mountain, Tenn.
- Ellis, Eunice Virginia
B.S. (University of Miami), Education, Sociology. Miami, Fla.
- Ellis, Sarah Viola
A.B. (Florida State College for Women), Education, Sociology. Miami, Fla.
- Enders, Donald Earl
B.S. (Gettysburg College), Education. Lykens, Pa.
- Engle, Harriet Evelyn
A.B. (University of Akron), English. Russell, Pa.
- Engle, Ned Alfred
B.S. (Slippery Rock State Teachers College), Education. Fredonia, Pa.
- Epstein, Herman Theodore
A.B. (University of Michigan), Mathematics. Portland, Me.
- Etzel, William George
A.B., B.E. (University of Cincinnati), Education. Cincinnati, O.
- Evans, Eunice Ledbetter
A.B. (Salem College), Education. Morganton, N. C.
- Facinoli, Adele
A.B. (New River State College), Education, English. Glasgow, W. Va.
- Faucette, Olive Cannady
A.B. (Duke University), Education. Durham, N. C.
- Fernandez, Alice Wheeler
B.M. (Florida State College for Women), English. Starke, Fla.
- Fordyce, James Thomas
A.B. (Glenville State Teachers College), Education. Grafton, W. Va.

- Friebertshouser, Gertrude Louise
A.B. (West Liberty State Teachers College), Education, English. Short Creek, W. Va.
- Fruth, Jacob Richard
A.B. (Geneva College), History. Freedom, Pa.
- Fultz, Mary Catherine
A.B. (Bridgewater College), English. Ararat, Va.
- Funk, Thorold Shaffer
A.B. (West Virginia Wesleyan College), Economics. Rowlesburg, W. Va.
- Gainer, Carl Edwin
A.B. (Alderson-Broaddus College), Education. Belington, W. Va.
- Gardner, Ralph Ahiga
A.B., A.M. (University of Kentucky), Philosophy. Somerset, Ky.
- Garrett, Denzel Raymond
A.B. (Glenville State Teachers College), Education. Charleston, W. Va.
- Gatlin, Ruth Arrie
A.B. (University of Arkansas), Education. Grady, Ark.
- Gelbach, George Knode
A.B. (Gettysburg College), Education. Hagerstown, Md.
- Gentry, Thomas Oliver
A.B. (Duke University), Education. Hurdle Mills, N. C.
- Godard, Doris Elizabeth
A.B. (Georgia State College for Women), History, Political Science. Milledgeville, Ga.
- Goldsworthy, James William
B.S. (West Virginia University), Education. Keyser, W. Va.
- Greene, James Oscar
A.B. (Berea College), Education. Nolan, W. Va.
- Haag, Vincent Harold
B.S. (Catawba College), Mathematics. Hershey, Pa.
- Hahn, Samuel Wilfred
A.B. (Lenoir Rhyne College), Mathematics. Winston-Salem, N. C.
- Hale, Nancy Adelaide
B.S. (University of Tennessee), Education. Morristown, Tenn.
- Halliburton, Hilda Smathers
B.S. (Asheville Normal and Teachers College), Education. Clyde, N. C.
- Hamrick, Garnet
B.S. (Madison College), Sociology. Winchester, Va.
- Hanks, Thomas Edgar
B.S. (Radford State Teachers College), Education. Galax, W. Va.
- Harbison, James Wesley
A.B. (Duke University), Education. Pinehurst, N. C.
- Harris, Adah Lenora
A.B. (Salem College), Education. Salem, W. Va.
- Harris, Nancy Maude
B.S. (University of Chattanooga), Mathematics. N. Chattanooga, Tenn.
- Harris, Yeuell Yeamans
A.B. (King College), History, Political Science. Bristol, Va.
- Harrison, Marvin Oziel
A.B. (Florida Southern College), Economics. Tallahassee, Fla.
- Haugh, Florence Irma
A.B. (Geneva College), Spanish, History. Pittsburgh, Pa.
- Hendricks, Lloyd
A.B. (University of South Carolina), Education. McCormick, S. C.
- Herndon, Fred Jackson
A.B. (Duke University), Education. Durham, N. C.
- Herndon, Nannie Mae
A.B. (Duke University), Education. Durham, N. C.
- Hill, Madeline
B.S. (Farmville State Teachers College), Botany. Mitchells, Va.
- Himes, Mae
A.B. (Florida State College for Women), English. W. Palm Beach, Fla.

Holmes, George Washington, III A.B. (High Point College), History.	Graham, N. C.
Holmes, Marjorie Moran A.B. (Marshall College), History.	Charleston, W. Va.
Holston, Norene A.B. (Concord State Teachers College), Education.	Montcalm, W. Va.
Hood, William Clayton A.B. (Western Kentucky State Teachers College),	Summer Shade, Ky.
Hooper, Charlotte Lucille A.B. (Meredith College), English.	Robbinsville, N. C.
Hooper, Conrad Sidney, Jr. A.B. (Duke University), Education.	Durham, N. C.
Hopkins, Alma Barr B.S. (Winthrop College), Economics.	Rowesville, S. C.
Horton, George Raymond B.S. (Rutgers University), Education, Economics.	Locust Valley, N. Y.
Horton, Kathleen Harriet A.B. (Randolph-Macon Woman's College); A.B. Education.	Gainesville, Ga. in Lib.Sc. (Emory University),
House, Helen Willis A.B. (Vanderbilt University), Education.	Hogansville, Ga.
Howard, Lottie Ruth A.B. (Florida State College for Women), Education.	Dade City, Fla.
Hrubes, Helen Anna A.B. (Western Reserve University), Sociology.	Shaker Heights, O.
Hughes, Sanford William A.B. (Wake Forest College), Education.	Winston-Salem, N. C.
Hull, Alfred Newton A.B. (Concord State Teachers College), Economics,	Hillsboro, W. Va. Political Science.
Huston, Claudia Mae A.B. (Howard College), History.	Birmingham, Ala.
Huston, Edith Griffith A.B. (Mississippi State College for Women), English.	Indianola, Miss.
Irvin, Jeanne Smith A.B. (College of Ozarks), English.	Ft. Lauderdale, Fla.
Irvin, Ruth McElhaney A.B. (Thiel College), History.	Rochester, Pa.
James, Ruth Olive B.S. (Memphis State Teachers College), English.	Bells, Tenn.
Jarecke, Walter Henry B.S. (Bloomsburg State Teachers College), Education.	Glen Lyon, Pa.
Jay, Lemuel Eugene B.S. (South Georgia Teachers College), English.	Claxton, Ga.
Jenkins, Alfred Le Sesne A.B. (Emory University), Education.	Baxley, Ga.
Johnston, James Stewart B.S. (Indiana State Teachers College), Education.	Indiana, Pa.
Johnston, Mildred Hearne A.B. (Concord State Teachers College), Education.	Oakvale, W. Va.
Jones, Vivienne Allen B.S. (Florida State College for Women), Education.	Miami, Fla.
Karr, Mary Frances B.S. (University of Akron), Education, Sociology.	Akron, O.
Keever, Nancy Catherine A.B. (Duke University), Botany.	Stony Point, N. C.
Kelly, Philip Thomas, Jr. A.B. (Newberry College), Education.	Newberry, S. C.
Kennedy, Philip Edward A.B. (Fairmont State Teachers College); A.M. (West Virginia University), English.	Fairmont, W. Va.
Kennedy William Meek, Jr. A.B. (Erskine College), Education.	Rock Hill, S. C.

- Kiser, Vernon Benjamin
A.B. (Wofford College), Sociology. Bowman, S. C.
- Kochman, Philip
B.S. (Glassboro State Teachers College), Education. Williamstown, N. J.
- Krause, James Barber, II
A.B. (University of Alabama), Zoology. Durham, N. C.
- Krummel, Marjorie Anne
A.B. (Duke University), History. Durham, N. C.
- Laise, Sarah Virginia
A.B. (Shepherd State Teachers College), Education, History. Bunker Hill, W. Va.
- Lane, James Frank, Jr.
A.B. (University of Maryland), English. Goldsboro, Md.
- Lashure, Melvin Murray
B.S. (Appalachian State Teachers College), Education, Sociology. Kannapolis, N. C.
- LeVan, Amy Rebecca
A.B. (Albright College), English. Lebanon, Pa.
- Lewis, Ralph LaVerne
A.B. (University of Scranton), Political Science. Carbondale, Pa.
- Lodge, Elizabeth
B.S. (Temple University), Psychology. Reading, Pa.
- Loving, Grace Evelyn
A.B. (Woman's College of the University of North Carolina), English. Drakes Branch, Va.
- Lusk, Mary Sue
B.S. (East Tennessee State Teachers College), Education. Johnson City, Tenn.
- Luttrell, Karl Francis
B.S., A.B. (University of Florida), Education. Brooksville, Fla.
- Lytle, Raymond Alfred
B.S. (Wofford College), Mathematics. Spartanburg, S. C.
- McAndrew, Mary Elizabeth
B.S. (West Chester State Teachers College), Sociology, Education. Chevy Chase, Md.
- McCain, Paul Moffatt
A.B. (Erskine College), History. Decatur, Ga.
- McCalley, Charlotte Pattie
B.S. (Fredericksburg State Teachers College), Education. Fredericksburg, Va.
- McClure, Sara Hellen
A.B. (Limestone College), Education. Spartanburg, S. C.
- McCown, Marietta
A.B. (Winthrop College), Education, Mathematics. Anderson, S. C.
- McDonald, Alma Ione
A.B. (Mississippi College), Education. Clinton, Miss.
- McFadyen, Alvan Robbins
A.B. (University of North Carolina), English. Fayetteville, N. C.
- McFeely, Thomas Francis
B.S. (Villanova College), Education. Hoboken, N. J.
- McGee, Charles McKay, Jr.
A.B. (Furman University), English. Greenville, S. C.
- McIlwain, Eugene Eakin
A.B. (Erskine College), English. Anderson, S. C.
- MacIntosh, Fred Henry
A.B. (University of South Carolina), English. Columbia, S. C.
- McLaughlin, Margaret Elinor
A.B. (Concord State Teachers College), Sociology. Big Chimney, W. Va.
- MacPhail, Donald
B.S. (Panzer College), Education. Millburn, N. J.
- Mannello, Jeannette
B.S. (Buffalo State Teachers College), Education. Rockville Centre, N. Y.
- Marcionis, Paul John
B.S. (Mansfield State Teachers College), Education. Hudson, Pa.
- Marlowe, Rufus Edward
A.B. (Duke University), History. Wilson, N. C.

Mathias, Ama Avis B.S. (Madison College), Economics, Education.	Mathias, W. Va.
Mathias, Audrie Lynn B.S. (Madison College), Education.	Mathias, W. Va.
Melton, Jack Robert A.B. (Duke University), Education.	Charlotte, N. C.
Merkle, Mildred Olive A.B. (Baldwin-Wallace College), Education.	Parma Heights, O.
Meserve, Bruce Elwyn A.B. (Bates College), Mathematics.	Portland, Me.
Michael, Chloe B.S. (Appalachian State Teachers College), English.	Boone, N. C.
Middleton, Mary A.B. (Woman's College of the University of North Carolina), Education.	Walnut Cove, N. C.
Miller, Cecil Lee A.B. (Concord State Teachers College), Education.	Beckley, W. Va.
Minor, Elizabeth Lott A.B. (Winthrop College), History, Education.	Edgefield, S. C.
Mitchell, Isaac Leonidas A.B. (Berea College), Education, Political Science.	Alderson, W. Va.
Montgomery, John Fleshman A.B. (Hampden-Sydney College); A.M. (University of Southern California), Education.	Lewisburg, W. Va.
Moore, Dan Connell A.B., A.M. (Emory University), Mathematics.	Culverton, Ga.
Moore, Nelle Elizabeth A.B. (Lambuth College), English.	Capleville, Tenn.
Morehead, Mildred Lillian A.B. (Mississippi State College for Women), English.	Jackson, Miss.
Morris, Woodrow Wilson A.B. (Glenville State College), Education.	Summersville, W. Va.
Mowrey, Corma Alice A.B. (Salem College), Education.	Clarksburg, W. Va.
Munson, Lucille Anne A.B. (West Virginia Wesleyan College), Sociology.	Buckhannon, W. Va.
Murdoch, Bernard Constantine B.S. (Appalachian State Teachers College); M.Ed. (University of Cincinnati), Education, Psychology.	Charlotte, N. C.
Nelson, Dorothy Lillian B.S. (California State Teachers College), English.	Bentleyville, Pa. Education.
Nelson, Herman Berg A.B. (Duke University), History.	Tamaqua, Pa.
Newbern, Mayme Betty A.B. (Chowan College), Education.	Tarboro, N. C.
Newlon, Merle Dwight A.B. (Alderson-Broadus College), Education, Sociology.	Flemington, W. Va.
Omwake, Henri Geiger A.B. (Franklin and Marshall College), Sociology, Education.	Hockessin, Del.
Owen, Bernice Powell B.S. (East Tennessee State Teachers College), Sociology, Education.	Miami, Fla.
Packard, Emerson Warren B.S. (Lock Haven State Teachers College), Education.	Jersey Shore, Pa.
Pafford, Ward A.B., A.M. (Emory University), English.	Valdosta, Ga.
Parker, Blanche A.B. (Georgia State Woman's College), English.	Sylvania, Ga.
Paskins, Cloyd Woodrow B.Ed. (Eastern Illinois State Teachers College), History, English.	Fort Myers, Fla.
Patterson, William Strong, Jr. A.B. (Erskine College), History.	Kershaw, S. C.

- Patton, Jessie Ellen
A.B. (Marshall College), English. Gap Mills, W. Va.
- Peale, Marjorie Elizabeth
A.B. (College of Charleston), English. Charleston, S. C.
- Peebles, Robert Bruce
A.B., B.S. (Kent State University), English. Cuyahoga Falls, O.
- Pew, Shelba Glenn
A.B. (Marshall College), Education. Ona, W. Va.
- Phillips, Virginia Sears
B.S. (New Jersey State Teachers College), Education. Summit, N. J.
- Powell, James Dewey
B.S. (North Carolina State College), Education. Baltimore, Md.
- Pressley, Eleanor Crockett
A.B. (Erskine College), Mathematics. Lincolnton, N. C.
- Price, James William
B.S. (Virginia Polytechnic Institute), Education. Stuart, Va.
- Purcell, James Slicer, Jr.
A.B. (John B. Stetson University); A.M. (Duke University), English. Lakeland, Fla.
- Purcell, Ralph Elliott
A.B. (Florida Southern College), A.M. (Duke University), English. Lakeland, Fla.
- Pyle, Katherine Asenath
A.B. (Pennsylvania College for Women), English, History. Burgettstown, Pa.
- Quarterman, Elsie
A.B. (Georgia State Woman's College), Botany. Ray City, Ga.
- Rankin, Charles Elmer
B.S. (Appalachian State Teachers College), Education. Shelby, N. C.
- Rankin, Mary Frances
A.B. (Duke University), History. Greensboro, N. C.
- Rea, Katharine
B.S. (Mississippi Delta State Teachers College), History. Meridian, Miss.
- Recano, Henry Howard
A.B. (University of Kentucky), History. New Britain, Conn.
- Reed, Cecil Malcolm
B.S. (College of William and Mary), Political Science. Check, Va.
- Reed, Frances Louise
A.B. (Louisiana State Normal College), Education. Lake Providence, La.
- Richardson, Sarah Evelyn
A.B. (Woman's College of the University of North Carolina), Education. Clayton, N. C.
- Rickman, Raymond Horatio
B.S. (College of William and Mary), Education. Critz, Va.
- Rigg, Ann Evangeline
A.B. (Fairmont State Teachers College), Education. Parkersburg, W. Va.
- Risner, Benjamin Franklin, Jr.
A.B. (Union College), History. Calvin, Ky.
- Robinson, Dana Fulcher
A.B. (Randolph-Macon Woman's College), Education. Lynchburg, Va.
- Robinson, Woodrow Thomas
B.S. (Emory and Henry College), Education. Wise, Va.
- Rogers, Greene Titus
A.B. (Wake Forest College), Education. Mamers, N. C.
- Rogers, Harry, Jr.
B.S. (Troy State Teachers College), Education. Greenville, Ala.
- Rogers, Hollis Jetton
B.S. (Murray State Teachers College); M.S. (University of Kentucky), Botany. Stearns, Ky.
- Ruff, Hazel Shelton
A.B. (Mississippi State College for Women), History. Jackson, Miss.
- Sams, Alma Frances
A.B. (Eastern Kentucky State Teachers College), English. Irvine, Ky.
- Sandlin, Hiram Walter
A.B. (College of Charleston), Education. Anderson, S. C.

Sassaman, Erie Ansel A.B. (Western State Teachers College), Education.	Petersburg, Fla.
Scarboro, Louise Bernice A.B. (Georgia State College for Women), English.	Stillmore, Ga.
Scarborough, Henry Baldwin A.B., A.M. (Duke University), Physics, Mathematics.	Mt. Gilead, N. C.
Scott, Bernice Murray B.S. (University of Cincinnati), Education.	Dayton, O.
Sharpe, Elizabeth Alice B.S. (University of Virginia), Zoology.	Knoxville, Tenn.
Shryock, Mary Katharine B.S. (California State Teachers College), Education.	Wilmore, Pa.
Shufflebarger, Irma Frances B.S. (East Radford State Teachers College), Education.	Pennington Gap, Va.
Shumate, Hursie Cleaden A.B. (Concord State Teachers College), Education.	Saulsville, W. Va.
Shumpert, William Ocell A.B. (Mississippi College), Education.	Amory, Miss.
Simonds, Gardner William A.B. (University of New Hampshire), Education.	Silver Springs, Md.
Sinks, Helen Adelaide B.S. (Miami University), English, Education.	Troy, O.
Sleichter, Martha Beryl B.S. (Shippensburg State Teachers College), History.	Shippensburg, Pa.
Slusser, Glenn Albert A.B. (Bluffton College), Education.	Amherst, O.
Smith, Mary Wilson A.B. (Shepherd State Teachers College), Education.	Charles Town, W. Va.
Smith, Maude B.S. (Columbia University), History.	Bramwell, W. Va.
Smith, Ruby Elizabeth A.B. (Glenville State Teachers College), Education.	Clarksburg, W. Va.
Smith, Theodore Carroll, Jr. B.S. (Memphis State Teachers College), Education.	Lucy, Tenn.
Smith, Virginia Alice A.B. (Woman's College of the University of North Carolina), French.	Gaffney, S. C.
Souders, Floyd Benton, Jr. A.B. (Duke University), Sociology, Psychology.	Fayetteville, N. C.
Southerland, Beatrice Carver A.B. (Duke University), Education.	Bahama, N. C.
Spangler, Dorn Odell A.B. (Westminster College), Education.	Meadows of Dan, Va.
Sparks, Marye Remelle A.B. (Athens College), English.	Spruce Pine, Ala.
Spears, Julius Hubert A.B. (Mercer University), Th.M. (Southern Baptist Theological Seminary), Sociology.	Chatham, Va.
Spencer, Alden Alva A.B. (Salem College), Education.	Salem, W. Va.
Starnes, Charles Fugate A.B. (Milligan College), Education.	Gate City, Va.
Steele, Alpheus Thornton A.B. (University of Wichita), A.M. (Duke University), Economics, History.	Hutchison, Kan.
Stein, Stanley Wolfe A.B. (University of Florida), Education.	Jacksonville, Fla.
Stephenson, Lucile Dunn B.S. (Farmville State Teachers College), Education.	Joyner, Va.
Stoner, Aaron Hess B.S. (Millersville State Teachers College), Education.	Lititz, Pa.

- Strickland, Irma Surovy
A.B., A.M. (Hunter College), Economics. Atlanta, Ga.
- Stripling, Edna Harriette
A.B. (Alabama College), French. Birmingham, Ala.
- Summerall, Margaret Elizabeth
B.S. (University of Georgia), Education. Waycross, Ga.
- Tabor, Dorothy Hazel
A.B. (Wesleyan College), History. Cordele, Ga.
- Taylor, Ellis Bruce
B.S. (Hobart College), Education. Picture Rocks, Pa.
- Taylor, Melvin Holmes
A.B. (Duke University), Education. Charlotte, N. C.
- Thevaos, Deno George
A.B. (Emory University), Psychology, Education. Augusta, Ga.
- Thomas, Nettie Florence
A.B. (Concord State Teachers College), Botany. Oak Hill, W. Va.
- Thomas, Treasure
A.B. (Baylor University), English, Education. Waco, Tex.
- Thompson, Evan Lewis
A.B. (Duke University), English. Taunton, Mass.
- Thompson, Kaye Ogilvie
B.S. (University of Miami), English. Miami, Fla.
- Togneri, Lila Clematis
A.B. (Winthrop College), Education. Rock Hill, S. C.
- Tomeny, Rose Nell
A.B. (Loyola University), English. New Orleans, La.
- Tompson, Reade Yates
B.S. (Brown University), Chemistry. Seekonk, Mass.
- Trehwitt, Katharine Alice Lowrey
A.B. (University of Chattanooga), English. Cleveland, Tenn.
- Tyer, Lena Mae
B.S. (Mississippi Delta State Teachers College), Education. Malvina, Miss.
- Umstot, Lena Mabel
A.B. (Shepherd State Teachers College), Education. Keyser, W. Va.
- Villaume, John Charles
A.B. (Gettysburg College), History. Honesdale, Pa.
- Viser, Janis Marie
A.B. (Furman University), English. Greenville, S. C.
- Wall, Ruth Amelia
A.B. (Adelphi College), Education. Dunedin, Fla.
- Walton, Wesley Wills
B.S. (Glassboro State Teachers College), Education. Woodlynne, N. J.
- Watson, Betty Jane
A.B. (University of Chicago), French. Avon Lake, O.
- Watson, Charlie Hugh
A.B. (Wofford College), English. Cross Anchor, S. C.
- Watts, Daniel Thomas
A.B. (Elon College), Zoology. Elon College, N. C.
- Weathers, Ray Elam
A.B. (University of North Carolina), Education. Shelby, N. C.
- Webb, Lester Dell
A.B. (Mississippi College), Education. Sweatman, Miss.
- Wellman, Helen Louise
A.B. (Rollins College), English. Winter Park, Fla.
- West, Harold Fane
A.B. (Glenville State Teachers College), Education. Glasgow, W. Va.
- Wiggins, James Wilhelm
B.S. (South Georgia Teachers College), Sociology, History. Atlanta, Ga.

Wiggins, Samuel Paul B.S. (South Georgia Teachers College), Education.	Dublin, Ga.
Wilhite, Arthur Bolton A.B. (Erskine College), Education.	Lake Placid, Fla.
Williams, Ruby Malinda A.B. (Greensboro College), Zoology.	Reidsville, N. C.
Wilson, Raymond G. B.S. (Memphis State Teachers College), Education.	Union City, Tenn.
Wilson, Robert Seth B.S. (College of Wooster), Education, Sociology.	Ashtabula, O.
Wolfarth, William A.B. (Otterbein College), Education, Sociology.	Canton, O.
Wolfe, Arthur Brown A.B. (Alderson-Broadus College), Education.	Grafton, W. Va.
Woodbury, Roy Orlo B.S. (University of Miami), Botany.	Miami, Fla.
Wrenn, Cora May A.B. (Flora Macdonald College), Education.	Steeds, N. C.
Zoller, Howard Frederick B.S. (East Stroudsburg State Teachers College), Education.	East Stroudsburg, Pa.

THE DIVINITY SCHOOL

SENIOR YEAR

Andrews, Joseph Russell A.B., Wofford College, 1939.	Nurton, N. C.
Barclift, Chancie DeShield A.B., Duke University, 1927.	Wilmington, N. C.
Boone, Sidney Grant A.B., Duke University, 1934.	Cofield, N. C.
Caldwell, Joseph Edmund A.B., Lenoir-Rhyne College, 1939.	Hickory, N. C.
Carruth, Paul B.S., Millsaps College, 1939.	McComb, Miss.
Chadwick, Ishmael Howard A.B., Moravian College, 1939.	Winston-Salem, N. C.
Cooke, Ross Alton A.B., Birmingham-Southern College, 1938.	Birmingham, Ala.
Culp, William B. A. A.B., American University, 1939.	Gold Hill, N. C.
Davis, William Dixon A.B., University of South Carolina, 1939.	Mullins, S. C.
Freeman, William Lawrence A.B., Asbury College, 1937.	Greensboro, N. C.
Glenn, Henry Clarence, III A.B., Duke University, 1938.	Eufaula, Ala.
Grisham, Roy Arnold A.B., Millsaps College, 1928.	Grenada, Miss.
Holder, Ray A.B., University of Mississippi, 1935; M.A., University of Mississippi, 1936.	Lucedale, Miss.
Lindsey, Jordan Allen, Jr. A.B., Millsaps College, 1933.	Pelahatchie, Miss.
Lyu, Kingsley Kyungsang A.B., Chosen Christian College, 1929; B.S., Syracuse University, 1938; M.A., Syracuse University, 1939.	Seoul, Korea
Meacham, Benjamin Franklin A.B., Duke University, 1936.	Roberdell, N. C.

- Mooney, Robert Cleveland, Jr.
A.B., Birmingham-Southern College, 1939. Wilsonville, Ala.
- Moorman, Julian Pierce, Jr.
A.B., Emory and Henry College, 1939. Bristol, Va.
- Overton, Ernest Golden
A.B., Duke University, 1925. Fayetteville, N. C.
- Patten, Brooks
A.B., University of North Carolina, 1939. Louisburg, N. C.
- Powell, John James
A.B., Lenoir-Rhyne College, 1939. Mooresville, N. C.
- Queen, Vergil Erwin
A.B., Catawba College, 1937. Carrboro, N. C.
- Rogers, James Edwin
A.B., Atlantic Christian College, 1939. Raleigh, N. C.
- Scott, LeRoy Alexander
A.B., Duke University, 1939. Kannapolis, N. C.
- Shackford, Joseph Temple
A.B., Duke University, 1934. Winston-Salem, N. C.
- Shannon, Charles Eugene
A.B., Duke University, 1939. Monroe, N. C.
- Simpson, Harold Ross
A.B., Catawba College, 1937. Durham, N. C.
- Stone, Joseph Lesley
A.B., William and Mary College, 1939. Callaway, Va.
- Strickland, Thomas Edward
A.B., High Point College, 1939. High Point, N. C.
- Tyte, Wilbur Henry
A.B., University of Texas, 1933;
A.M., University of Texas, 1939. San Antonio, Tex.
- Vaughan, Robert Akers
A.B., Centenary College, 1937. San Antonio, Tex.
- Warren, Millard Whitefield
A.B., Duke University, 1931. Fayetteville, N. C.
- Wilkinson, Howard Charles
A.B., Southwestern University, 1939. Katy, Tex.

MIDDLE YEAR

- Beard, John S.
A.B., Central College, 1940. Clayton, Mo.
- Benson, Clark William
A.B., Wofford College, 1940. Salisbury, N. C.
- Brown, Byron Roy
A.B., Morningside College, 1940. Sioux City, Iowa
- Cagle, John Frank
A.B., High Point College, 1940. Eldorado, N. C.
- Carroll, Howard Raymond
A.B., University of Richmond, 1938. Easton, Md.
- Carter, James Edwin
B.S., Appalachian State Teachers College, 1940. Danville, Va.
- Caviness, Woodrow Darlington
A.B., Wofford College, 1940. Siler City, N. C.
- Cole, George Davis
A.B., Duke University, 1940. Newport News, Va.
- Cooper, Joel Aubrey
A.B., Hendrix College, 1940. Paragould, Ark.
- Cravens, Byron Clay
A.B., Hendrix College, 1940. Marianna, Ark.
- Crutchfield, Gilbert Wesley
A.B., Asbury College, 1940. Sanford, N. C.

Culbreth, George Bernice A.B., Duke University, 1940.	Chapel Hill, N. C.
Dollar, Melvin A.B., Elon College, 1939.	Malone, Ala.
Edwards, William Alpheus A.B., Randolph-Macon College, 1940.	Courtland, Va.
Francisco, Ross A.B., Emory and Henry College, 1940.	Bluefield, W. Va.
Hilbert, John Cassell A.B., Dickinson College, 1940.	Catonsville, Md.
Ingram, Osmond Kelly A.B., Birmingham-Southern College, 1940.	Birmingham, Ala.
Jordan, John Sharpe A.B., Duke University, 1940.	Mount Airy, N. C.
Judy, Carl Wesley A.B., Morris Harvey College, 1940.	Charleston, W. Va.
Kesler, Robert Harris A.B., Randolph-Macon College, 1940.	Roanoke, Va.
McCoy, Lewistine Martin A.B., Kentucky Wesleyan College, 1940.	Lexington, Ky.
Mackay, Donald Mason A.B., Emory University, 1938.	Atlanta, Ga.
McKenry, John Archibald, Jr. A.B., Fairmont State Teachers College, 1940.	Lynchburg, Va.
Major, James Edward A.B., Hendrix College, 1940.	Little Rock, Ark.
Maxwell, Asmond Leonard A.B., Emory University, 1940.	Elberton, Ga.
Medlin, William Tracy, Jr. A.B., Wofford College, 1940.	Raleigh, N. C.
Mercer, Charles Henry A.B., Wofford College, 1940.	Lumberton, N. C.
Merchant, James William A.B., Randolph-Macon College, 1940.	Kearneysville, W. Va.
Miller, Gilbert Shelly A.B., Lenoir-Rhyne College, 1940.	Statesville, N. C.
Rainwater, Roland William, Jr. A.B., Wofford College, 1940.	Roberdell, N. C.
Reed, Ralph Lee A.B., Emory University, 1940.	Monroe, N. C.
Rice, John Edward B.S., Florida Southern College, 1940.	Fort Smith, Ark.
Ruckman, Lee Van, Jr. A.B., Emory and Henry College, 1940.	Lexington, Va.
Sharpe, Charles Cleveland, Jr. A.B., High Point College, 1940.	Greensboro, N. C.
Steele, Chester Raymond A.B., Centenary College, 1940.	Huntington, Tex.
Stubbs, David Leon, Jr. A.B., Duke University, 1940.	Aurora, N. C.
Sturtevant, William Lyons A.B., Randolph-Macon College, 1939.	Portsmouth, Va.
Thumm, Milford Vernon A.B., Morris Harvey College, 1940.	Charleston, W. Va.
Wellons, Albert Wilson A.B., Lenoir-Rhyne College, 1940.	Wilkesboro, N. C.
Wheeler, Kermit R. A.B., Atlantic Christian College, 1939.	Rougemont, N. C.
Whitesel, John Asbury A.B., Randolph-Macon College, 1940.	Washington, D. C.

JUNIOR YEAR

Albright, William Edward A.B., Emory and Henry College, 1941.	Bluefield, W. Va.
Bame, Robert Lee A.B., Wofford College, 1941.	Carolina Beach, N. C.
Bell, Roy Edison A.B., Catawba College, 1941.	Spencer, N. C.
Boggs, Charles Marvin A.B., Wofford College, 1941.	Salisbury, N. C.
Byrum, Roy Delbert A.B., High Point College, 1941.	Charlotte, N. C.
Carlton, Arthur McCoy A.B., Birmingham-Southern College, 1941.	Montgomery, Ala.
Chaffin, James Claude A.B., Duke University, 1941.	Sanford, N. C.
Cummins, Paul Kinsey, Jr. A.B., Western Maryland College, 1941.	Washington, D. C.
Conyers, David Paxton A.B., Hendrix College, 1941.	Sidney, Ark.
DuBose, Robert Newsom A.B., Wofford College, 1936.	Florence, S. C.
England, Arthur Leamon A.B., University of Kansas City, 1941.	Livingston, Ala.
Evans, Robert Weldon A.B., Hendrix College, 1941.	Batesville, Ark.
Fleming, Murry Douglas A.B., Southern Methodist University, 1941.	Gainesville, Tex.
Ford, Jesse Emerson, Jr. A.B., Wofford College, 1941.	Orangeburg, S. C.
Gregory, Walter Bryan A.B., High Point College, 1942.	Angier, N. C.
Hendrix, Major Clyde A.B., University of South Carolina, 1941.	West Columbia, S. C.
Hornbuckle, James Pinkney, Jr. A.B., Lenoir-Rhyne College, 1941.	Stony Point, N. C.
John, Ralph Candler A.B., Berea College, 1941.	Parkersburg, W. Va.
Jones, George Wesley A.B., Randolph-Macon College, 1941.	Norfolk, Va.
Kennedy, Arthur Cicero, Jr. A.B., High Point College, 1941.	Winston-Salem, N. C.
Knight, James Allen A.B., Wofford College, 1941.	St. George, S. C.
Little, Brooks Bivens A.B., Duke University, 1941.	Durham, N. C.
McDonald, Thaddeus LeVerne B.S., Birmingham-Southern College, 1941.	Gadsden, Ala.
McGuire, Douglas Lyons A.B., Louisiana Polytechnic Institute, 1941.	Arcadia, La.
McLain, Robert Wayne A.B., Berea College, 1941.	Statesville, N. C.
Mitchell, Charles Maness A.B., Duke University, 1941.	Buies Creek, N. C.
Morgan, James Perry A.B., Wake Forest College, 1932.	Durham, N. C.
Musser, Benjamin Franklin A.B., Hendrix College, 1941.	Savannah, Ga.
Needham, George Harlan A.B., High Point College, 1941.	Charlotte, N. C.

Pannill, Harry Burnell A.B., Randolph-Macon College, 1941.	Waynesboro, Va.
Patterson, Howard Carlton A.B., University of North Carolina, 1941.	Burlington, N. C.
Phifer, Ernest Carl A.B., Stephen F. Austin State Teachers College, 1940.	Leona, Tex.
Pitts, Howard Stillwell A.B., Texas College of Mines, 1941.	El Paso, Tex.
Preston, Norman G., Jr. B.S., Louisiana State University, 1940.	Shreveport, La.
Register, Kenneth Davis A.B., Elon College, 1941.	Burlington, N. C.
Rock, William Alfred, Jr. A.B., Wofford College, 1941.	Lewisville, N. C.
Royals, Worth Burton A.B., High Point College, 1941.	Trinity, N. C.
Sodeman, Lowell Frazier B.S., Wake Forest College, 1939.	Durham, N. C.
Stevenson, Linwood Jennings A.B., Emory and Henry College, 1941.	Tappahannock, Va.
Vereen, LaFon Carpenter B.S., Clemson College, 1941.	Latta, S. C.
Wagoner, Rupert Gilmer A.B., High Point College, 1939.	Brown's Summit, N. C.
Ware, Lee Wilson A.B., Hendrix College, 1942.	Springdale, Ark.

JUNALUSKA SCHOOL OF RELIGION

Ford, J. Emerson, Jr. A.B., Wofford College, 1941.	Marion, S. C.
Freeman, Eleanor Nicholson A.B., Florida State College for Women, 1923.	Havana, Fla.
Frost, J. Thomas A.B., Asbury College, 1931.	Yorktown, Ind.
Gatlin, Grimes Weldon A.B., Oklahoma City University, 1937.	Fort Worth, Tex.
Glasson, Elizabeth Fleming A.B., Asbury College, 1934.	Lafayette, La.
Glenn, Earle Edwin A.B., Newberry College, 1923.	Pelzer, S. C.
Grisham, Roy Arnold A.B., Millsaps College, 1928.	Grenada, Miss.
Hammett, Horace Greeley A.B., Furman University, 1926.	Waynesville, N. C.
Hart, Herbert D. A.B., Emory and Henry College, 1921.	Elizabethton, Tenn.
Johnson, Roscoe Chesterman A.B., Randolph-Macon College, 1925.	Roanoke, Va.
LeBaron, Earle Robert A.B., Mt. St. Mary's College, 1925.	Oak Ridge, N. C.
Lewis, Anna Mae A.B., Carson-Newman College, 1926.	Sevierville, Tenn.
Livermore, Mary Hoyland A.B., Flora Macdonald College, 1905.	Pembroke, N. C.
Long, Louise A.B., Huntingdon College, 1929.	Montgomery, Ala.
Morton, Vernon Adam A.B., High Point College, 1931.	Canton, N. C.

Ockerman, Elbert Wakefield A.B., Lincoln Memorial University, 1939.	Corbin, Ky.
Parker, Carl Lafayette A.B., Wofford College, 1938.	Little Rock, S. C.
Porter, Margaret Welch Queens College.	Charlotte, N. C.
Shackford, Love Branner Duke University.	Rock Hill, S. C.
Shirley, Evelyn Rozella A.B., Lander College, 1939.	Belton, S. C.
Siberal, James Vergil A.B., Asbury College, 1931.	Muncie, Ind.
Sprinkle, Georgia Mae Concord College.	McDowell, W. Va.
Strickland, Thomas Edward A.B., High Point College, 1939.	High Point, N. C.
Stryker, Veda A.B., Iowa State Teachers College, 1915.	Misenheimer, N. C.
Varner, Carroll, Jr. A.B., Millsaps College, 1938.	West Palm Beach, Fla.
Waldrep, Mary Louise A.B., Lander College, 1932.	Enoree, S. C.
Walter, Iva Gertrude Tennent College of Christian Education.	Delmar, N. Y.

THE SCHOOL OF LAW

FIRST YEAR

Bloom, Jack LeRoy A.B., Furman University, 1941.	Greenville, S. C.
Briley, Robert Leonidas A.B., Kansas State Teachers College, 1941.	Chanute, Kan.
Byerly, Manly Holdt A.B., High Point College, 1941.	Lexington, N. C.
Ciesinski, Adam Francis A.B., Union College, 1941.	Schenectady, N. Y.
Dozier, Riley Clarence Duke University, 1938-41.	South Mills, N. C.
Dunn, Harvey Esterly Duke University, 1938-41.	Frederick, Md.
Eckhoff, Paul S. Duke University, 1938-41.	Palisades Park, N. J.
Esgain, Albert James B.S. in Education, Ohio State University, 1936; M.A., 1938.	Bremen, O.
Harber, Victor A.B., High Point College, 1941.	Weehawken, N. J.
Hensley, Felix A.B., Berea College, 1941.	Berea, Ky.
Higgins, Warren B.S., Bucknell University, 1941.	Upper Darby, Pa.
Horn, Carl Duke University, 1938-41.	Salisbury, N. C.
Hunston, Walter Jay A.B., Baldwin-Wallace College, 1941.	East Palestine, O.
Johnson, Nathaniel Reeves, Jr. A.B., Ursinus College, 1941.	Wildwood, N. J.
Keltner, Edgar Harland, Jr. Miami University, 1937-40.	Cleburne, Tex.
Kidd, Allan Grenville Ph.B., University of Vermont, 1941.	Northfield, Vt.

- King, Robert Palmer
A.B., Muskingum College, 1941. Steubenville, O.
- Lemkin, Raphael
Dr. jur., Magister juris. Durham, N. C.
- Lord, James Couper
Harvard University, 1937-41. Southampton, L. I., N. Y.
- Maxwell, Silas James
Duke University, 1938-41. Pink Hill, N. C.
- Meyerson, Gerald Leo
The Citadel, 1938-40; Duke University, 1940-41. Charleston, S. C.
- Niemann, Luise
B.A., Milwaukee-Downer College, 1941. Wilwaukee, Wis.
- Parker, Jane Agnes
A.B., The Woman's College of the University of North Carolina, 1941. Smithfield, N. C.
- Preston, Elizabeth Rhea
A.B., University of South Carolina, 1937. Columbia, S. C.
- Royster, Beverly S., III
B.S., Davidson College, 1941. Oxford, N. C.
- Sellers, Frank Edwin
Duke University, 1938-41. Norfolk, Va.
- Spears, Harold Dupuy
A.B., Marshall College, 1941. Ironton, O.
- Tice, Charles Robert
B.S., Mount Union College, 1941. Alliance, O.
- Whitmire, Lee Elmer
A.B., Geneva College, 1941. Ellwood City, Pa.

SECOND YEAR

- Arwe, Kenneth Jay
A.B., Dartmouth College, 1940. Keene, N. H.
- Canavan, Charles Paul
B.A., American International College, 1940. West Springfield, Mass.
- Carmichael, Oliver Cromwell, Jr.
B.A., Vanderbilt University, 1940. Nashville, Tenn.
- Dailey, Frank Walter
A.B., Duke University, 1941. Dunkirk, N. Y.
- Greenwood, Porter
A.B., Duke University, 1939. Lebanon, Va.
- Henderson, Charles Jenkins
A.B., Duke University, 1941. Charlotte, N. C.
- Hesselgren, Oliver Gilbert, Jr.
E.M., Colorado School of Mines, 1940. Dayton, O.
- Latham, James Farr
A.B., Duke University, 1941. Wadesboro, N. C.
- Lofton, John Marion, Jr.
B.S., College of Charleston, 1940. McClellanville, S. C.
- Mimms, Carney Wilson, Jr.
University of Florida, 1937-39, Duke University, 1939-40. Ocala, Fla.
- Morrow, Henry Walton
Shepherd State Teachers College, 1936-40. Shepherdstown, W. Va.
- Sigmon, Jackson Marcus
A.B., University of Pittsburgh, 1938; M.A., Tufts College, 1939. Bethlehem, Pa.
- Tally, Joseph Oscar, Jr.
A.B., Duke University, 1940. Fayetteville, N. C.

THIRD YEAR

- Ault, William Reign
B.S., A.B., Kent State University, 1938. Doylestown, O.
- Berkemeyer, Donald Johnston
A.B., Oberlin College, 1939. Webster Groves, Mo.

Bolte, Henry Ferdinand A.B., Duke University, 1939.	Elmhurst, N. Y.
Breckenridge, John B. A.B., William Jewell College, 1939.	Plattsburg, Mo.
Brown, B. Horace B.A., Maryville College, 1939.	Maryville, Tenn.
Brown, Milton Haynes B.S. in Commerce, Carson-Newman College, 1939.	Erwin, Tenn.
Carnahan, A. Vernon A.B., Brothers College, Drew University, 1939.	Saltsburg, Pa.
Donovan, Frank X. A.B., Elon College, 1939.	Floral Park, N. Y.
Doyle, James Jerome B.A., Rutgers University, 1939.	Morristown, N. J.
Fogle, Charles D., Jr. A.B., Marietta College, 1939.	Marietta, O.
Fuller, Donald Whitcomb A.B., Hamilton College, 1939.	Endicott, N. Y.
Fuston, Sam Del A.B., Duke University, 1940.	Murfreesboro, Tenn.
Hambrick, Jackson Reid A.B., Wofford College, 1938.	Spartanburg, S. C.
Lamberson, Ralph Tiffin A.B., University of Michigan, 1938.	Colon, Mich.
Lundholm, John Edward A.B., Catawba College, 1939.	Wildwood, N. J.
McCall, Samuel Horace, Jr. B.S., Davidson College, 1939.	Troy, N. C.
Nelson, Frederick A.B., University of Washington, 1939.	Seattle, Wash.
Owens, Herman Franklin, Jr. The Citadel, 1936-37; Duke University, 1937-39.	Fountain, N. C.
Pollack, George Bernhardt B.A., Rutgers University, 1939.	Metuchen, N. J.
Ralston, Adolph Henry A.B., Duke University, 1940.	Middlesboro, Ky.
Repko, John Francis A.B., Temple University, 1939.	Freeland, Pa.
Richardson, C. H., Jr. A.B., Bucknell University, 1938; A.M., 1939.	Lewisburg Pa.
Unger, Maurice Albert A.B., Duke University, 1940.	Patchogue, N. Y.
Varlan, Nicholas Peter A.B., Syracuse University, 1939.	Rochester, N. Y.
Winger, Maurice A.B., William Jewell College, 1939.	Kansas City, Mo.

THE SCHOOL OF MEDICINE

FIRST YEAR

<i>Name and Preparation</i>	<i>Home Address</i>
Robert James Atwell..... <i>Duke University.</i>	Chillicothe, Ohio
Horace Mitchell Baker, Jr..... <i>University of North Carolina.</i>	Lumberton, N. C.
Frank Louis Beckel..... <i>Duke University.</i>	Huntingdon, Pa.
Walter Russell Benson..... <i>Duke University.</i>	Tamaqua, Pa.

<i>Name and Preparation</i>	<i>Home Address</i>
Charles Marvin Blackburn..... <i>University of Oklahoma.</i>	Ada, Okla
Jack Holland Boatman..... <i>Oklahoma University.</i>	Okmulgee, Okla
Jacob Thompson Bradsher, Jr..... <i>Lees-McRae College;</i> <i>Maryville College.</i>	Milton, N. C
Joseph Dondiego Brenna..... <i>Duke University.</i>	Trenton, N. J.
Banks Raleigh Cates, Jr..... <i>The Citadel;</i> <i>Davidson College;</i> <i>Duke University.</i>	Charlotte, N. C.
Robert George Chambers..... <i>Columbia University;</i> <i>New York University;</i> <i>Duke University.</i>	New York City, N. Y.
William Alan Chickering..... <i>Duke University.</i>	Chicago, Ill.
John Pope Collins..... <i>Duke University.</i>	Blackfoot, Idaho
Richard Grigsby Connar..... <i>Duke University.</i>	Rutherford, N. J.
Gerald Edwin Cronk..... <i>Tulsa University.</i>	Tulsa, Okla.
Robert Thomas Cronk..... <i>Tulsa University.</i>	Tulsa, Okla.
Martin Marc Cummings..... <i>Bucknell University.</i>	Glassboro, N. J.
Arthur Markham Dalton..... <i>Purdue University;</i> <i>Duke University.</i>	Toledo, Ohio
William Hersey Davis, Jr..... <i>Mars Hill College;</i> <i>University of Louisville;</i> <i>Duke University.</i>	Louisville, Ky.
William Townsend Davison..... <i>Yale University.</i>	Durham, N. C.
William Ralph Deaton, Jr..... <i>Guilford College.</i>	Greensboro, N. C.
Carleton Cecil Douglass..... <i>University of Delaware.</i>	Newark, Del.
Henry Martin Dratz..... <i>Duke University.</i>	Lynbrook, N. Y.
Stuart Reiley Ducker, Jr..... <i>Yale University.</i>	Fort Myers Beach, Fla.
Howard Casey Duckett, Jr..... <i>Emory University;</i> <i>Duke University.</i>	Durham, N. C.
Ernest Goodall Edwards, Jr..... <i>Clemson College.</i>	Columbia, S. C.
William Preston Featherston..... <i>Duke University.</i>	Durham, N. C.
Bernard Frank Joseph Fetter..... <i>Johns Hopkins University.</i>	Baltimore, Md.
William Joseph Edward Fetter..... <i>Johns Hopkins University.</i>	Baltimore, Md.
George Francis Fordham..... <i>Georgetown University.</i>	Powellton, W. Va.
Truett Hollis Frazier..... <i>Mars Hill College;</i> <i>Duke University.</i>	Asheboro, N. C.

<i>Name and Preparation</i>	<i>Home Address</i>
Thomas Calabria Frell..... <i>Ohio State University.</i>	Warren, Ohio
Anneva French..... <i>King College.</i>	Bristol, Va.
Wilton George Fritz..... <i>Duke University.</i>	Ridgewood, N. J.
Walter Gothard Goppel, Jr..... <i>Duke University.</i>	Suffolk, Va.
William Wills Green, Jr..... <i>University of North Carolina.</i>	Tarboro, N. C.
Nannie Marguerite Hainje..... <i>Ward-Belmont College;</i> <i>Mount Holyoke College.</i>	Brewton, Ala.
James Lawrence Hansen..... <i>University of Utah.</i>	Salt Lake City, Utah
Francis Williams Hare, Jr..... <i>Birmingham-Southern College;</i> <i>University of Colorado.</i>	Monroeville, Ala.
James Allen Harris..... <i>University of Dayton;</i> <i>Duke University.</i>	Dayton, Ohio
George Manley Himadi..... <i>Duke University.</i>	Ridgewood, N. J.
Lester Jerome Honig..... <i>Harvard College.</i>	New York City, N. Y.
Claude Gibson Hooten, Jr..... <i>University of Richmond.</i>	Lynchburg, Va.
Robert Darley Horne..... <i>University of Georgia.</i>	Cordele, Ga.
James Jackson Hutson..... <i>Duke University.</i>	Miami, Fla.
Charles Warren Irvin, Jr..... <i>Duke University;</i> <i>University of South Carolina.</i>	Columbia, S. C.
Karl Crawford Jonas..... <i>Davidson College.</i>	Marion, N. C.
Paxton Lane Jones..... <i>Youngstown College;</i> <i>Duke University.</i>	North Benton, Ohio
George Wallace Kernodle..... <i>Elon College.</i>	Elon College, N. C.
Robert Bruce Kubek..... <i>Duke University.</i>	Cleveland Heights, Ohio
John Fuller Lawson..... <i>Duke University.</i>	Erwin, Tenn.
George Welch Liles..... <i>Duke University.</i>	Charlotte, N. C.
Archibald Nock McIntosh..... <i>University of North Carolina.</i>	Old Fort, N. C.
William Wailes Magruder..... <i>Mississippi State College.</i>	Starkville, Miss.
Tom Lewis Martin..... <i>Washington and Lee University.</i>	Goldville, S. C.
George Harold Massey..... <i>University of Florida.</i>	Quincy, Fla.
Walter Sidney Matthews, Jr..... <i>Duke University.</i>	Danville, Va.
William Clayton Morgan..... <i>Catawba College.</i>	Salisbury, N. C.
William Gray Murray..... <i>University of North Carolina.</i>	Greensboro, N. C.

<i>Name and Preparation</i>	<i>Home Address</i>
Leonard Palumbo..... <i>Duke University.</i>	East Orange, N. J.
Rex Beach Perkins..... <i>Duke University.</i>	New Egypt, N. J.
George Edward Prince..... <i>Duke University.</i>	Dunn, N. C.
Robert Barclay Ragland..... <i>Virginia Military Institute;</i> <i>University of Colorado;</i> <i>University of Florida.</i>	Jacksonville, Fla.
Richard Grover Renner..... <i>Miami University.</i>	Dayton, Ohio
Henry Lamar Roberts..... <i>Emory University;</i> <i>University of Texas;</i> <i>University of Chicago.</i>	Macon, Ga.
David Bernard Rulon..... <i>Duke University.</i>	Phoenixville, Pa.
James Matthew San..... <i>Duke University;</i> <i>Virginia Polytechnic Institute.</i>	St. Petersburg, Fla.
Frederick Kenneth Schmidt..... <i>University of North Carolina.</i>	Plainfield, N. J.
Richard Paul Sexton..... <i>Dartmouth College.</i>	Winchester, Mass.
Bertram Fairley Townsend..... <i>Duke University.</i>	Nutley, N. J.
Richard Howard Verigan..... <i>University of Florida;</i> <i>Rollins College.</i>	Winter Park, Fla.
Joseph Warren West..... <i>St. Petersburg Junior College;</i> <i>Duke University.</i>	St. Petersburg, Fla.
Robert Jackson Wetmore..... <i>Duke University.</i>	Durham, N. C.
Beverly Holland White..... <i>Emory University.</i>	St. Petersburg, Fla.
William Carl Whitesides, Jr..... <i>University of South Carolina;</i> <i>Duke University.</i>	York, S. C.
William Merrill Corry Wilhoit..... <i>University of Florida.</i>	Quincy, Fla.
John Archibald Yarborough..... <i>Duke University.</i>	Raleigh, N. C.

SECOND YEAR

Fred Houdlett Albee, Jr..... <i>Duke University.</i>	New York City
Albert Jerviss Alter..... <i>Yale University.</i>	Toledo, Ohio
Robert Lester Baeder..... <i>Duke University.</i>	Nutley, N. J.
Albert Lawrence Banks..... <i>Duke University.</i>	Summerfield, N. J.
Arthur Jay Bassell..... <i>University of Virginia.</i>	New York City
Frank Cutchin Bone..... <i>Duke University.</i>	Rocky Mount, N. C.
Robert Alexander Broome, Jr..... <i>Duke University.</i>	Rocky Mount, N. C.
John Edward Cann..... <i>Duke University.</i>	Greensboro, N. C.

<i>Name and Preparation</i>	<i>Home Address</i>
Jesse Whilden Carll, IV..... <i>Duke University.</i>	Bridgeton, N. J.
Lee Marion Cole, Jr..... <i>Virginia Polytechnic Institute.</i>	Christiansburg, Va.
William Crocket Covey, Jr..... <i>Duke University.</i>	Beckley, W. Va.
John Thomas Crowe, IV..... <i>Central College.</i>	Peverly, Mo.
George Gordon Culbreth..... <i>Duke University.</i>	New Bern, N. C.
Robert Whitney Curry..... <i>Duke University.</i>	Bradenton, Fla.
Thomas Brantley Daniel..... <i>Davidson College.</i>	Oxford, N. C.
James William Dickey, Jr..... <i>Georgia School of Technology;</i> <i>University of Michigan;</i> <i>Duke University.</i>	Fort Lauderdale, Fla.
Charles Kondall Donogan..... <i>St. Petersburg Junior College;</i> <i>Duke University.</i>	Largo, Fla.
William McCoy Eagles..... <i>Duke University.</i>	Fountain, N. C.
Elmer William Erickson..... <i>Duke University.</i>	Irwin, Pa.
Marvin McCall Gibson..... <i>University of Georgia;</i> <i>Duke University.</i>	Douglas, Ga.
John Capers Glenn, Jr..... <i>Junior College of Kansas City, Mo.;</i> <i>Central College.</i>	Raleigh, N. C.
Nathaniel Banks Glover..... <i>The Citadel.</i>	Newnan, Ga.
Lawrence Elliott Gordon, Jr..... <i>Emory and Henry College;</i> <i>University of Virginia.</i>	Marion, Va.
Emil Joseph Graham..... <i>Brevard College;</i> <i>University of North Carolina;</i> <i>Duke University.</i>	Naranja, Fla.
Alfred Edward Gras..... <i>Harvard College.</i>	Cambridge, Mass.
Harold Houston Hawfield..... <i>Duke University.</i>	Willard, N. C.
Thomas Roy Hazelrigg..... <i>Montana University.</i>	Missoula, Mont.
Robert Pinckard Henderson..... <i>Kalamazoo College;</i> <i>Western State Teachers College.</i>	Kalamazoo, Mich.
Wilks Otho Hiatt, Jr..... <i>Duke University;</i> <i>University of Virginia.</i>	Savannah, Ga.
Eugene Leroy Horger, Jr..... <i>Duke University.</i>	Columbia, S. C.
James Mayhew Ingram, Jr..... <i>University of Tampa;</i> <i>Duke University.</i>	Tampa, Fla.
Martin Evans Jones, Jr..... <i>Duke University.</i>	Granite Falls, N. C.
William Edward Leeper, Jr..... <i>Duke University.</i>	Gastonia, N. C.

<i>Name and Preparation</i>	<i>Home Address</i>
Francis H. McCullough, Jr. <i>Columbia College.</i>	New York City
Hugh Archie Matthews. <i>Campbell Junior College; Wake Forest College; University of North Carolina; Yale University.</i>	Canton, N. C.
Richard Hoyt Mayne. <i>University of Arizona.</i>	Miami, Fla.
James Donaldson Moody. <i>Duke University.</i>	East Brady, Pa.
Horace Lee Morgan. <i>Duke University; University of South Carolina.</i>	Savannah, Ga.
Arthur Allen Morris, Jr. <i>Duke University.</i>	Winston-Salem, N. C.
William Henry Muller, Jr. <i>The Citadel.</i>	Dillon, S. C.
Keith Millner Oliver. <i>Virginia Polytechnic Institute.</i>	Lynchaven, Va.
Clarence Eugene Peery. <i>Emory and Henry College.</i>	Sprigg, W. Va.
Maxine Roberta Perdue. <i>Duke University.</i>	Canton, Ohio
Victor Anthony Politano. <i>Marshall College.</i>	Point Marion, Pa.
Desmond Arthur Pond. <i>Cambridge University.</i>	Hatch End, Middlesex, Eng.
Raymond Crawford Ramage. <i>University of Florida.</i>	Jacksonville, Fla.
John Garnett Ramsbottom. <i>Wofford College.</i>	Spartanburg, S. C.
George Rankine <i>St. Andrews University.</i>	Dundee, Scotland
Bernard Leonidas Rhodes, Jr. <i>Marion Military Institute; Duke University.</i>	Live Oak, Fla.
Millard McAdoo Riggs. <i>Marshall College.</i>	Huntington, W. Va.
Stanfield Rogers. <i>Duke University.</i>	Dyersburg, Tenn.
Otho Bescent Ross, Jr. <i>University of North Carolina.</i>	Charlotte, N. C.
Richard Allan Ruskin. <i>Duke University.</i>	New Rochelle, N. Y.
Robert Emmett Seibels, Jr. <i>University of the South.</i>	Columbia, S. C.
William Vance Singletary. <i>University of North Carolina.</i>	Greensboro, N. C.
George Washington Freeman Singleton. <i>The Citadel; Duke University.</i>	Selma, Ala.
Milton Crego Smith. <i>University of Michigan.</i>	Ann Arbor, Mich.
Harry Francis Steelman. <i>Lenoir-Rhyne College.</i>	Hickory, N. C.
George Edward Thurman. <i>Princeton University.</i>	Bronxville, N. Y.
Walter Brown Watson. <i>Duke University.</i>	Belleville, N. J.

<i>Name and Preparation</i>	<i>Home Address</i>
Donald Palmer White, Jr. <i>St. Lawrence University;</i> <i>University of Alabama.</i>	Potsdam, N. Y.
Margaret Wilson <i>Salem College.</i>	Raleigh, N. C.
Robert Walker Withers, IV <i>University of Florida.</i>	Tampa, Fla.

JUNIOR-SENIOR YEAR

Ralph Parr Baker (6/7/43)* <i>Washington and Lee University.</i>	Newberry, N. C.
William Edwin Baldwin, Jr. (6/8/42) <i>Duke University;</i> <i>Wake Forest College.</i>	Dunn, N. C.
Donald Gibson Bard, Jr. (6/7/43) <i>Duke University.</i>	Pleasantville, N. Y.
John Lee Barrett (12/19/42) <i>Duke University;</i> <i>University of Michigan.</i>	Grosse Point, Mich.
Stephen Russell Bartlett, Jr. (6/7/43) <i>Trinity College (Hartford, Conn.).</i>	Hingham, Mass.
Charles Leonard Benson (6/7/43) <i>Muhlenberg College;</i> <i>Duke University.</i>	Tamaqua, Pa.
Gustave Francis Bieber (6/7/43) <i>Rutgers University.</i>	South River, N. J.
George Orion Boucher (12/19/42) <i>University of California.</i>	Salt Lake City, Utah
Albert Henry Bremer, Jr. (6/8/42) <i>University of Virginia.</i>	Rochelle Park, N. J.
Clyde Owens Brindley (6/7/43) <i>University of Texas.</i>	Temple, Texas
Iverson Oakley Brownell (3/14/42) <i>Washington State College.</i>	Pasco, Wash.
Walter Ellis Bryant (12/20/41) <i>College of Charleston;</i> <i>Newberry College.</i>	Darlington, S. C.
Merwin Elliott Buchwald (12/20/41) <i>Washington and Lee University.</i>	Brooklyn, N. Y.
George William Burch (6/8/42) <i>University of Florida.</i>	Fort Lauderdale, Fla.
Norris Mervin Burleson (6/7/43) <i>Duke University.</i>	Port Allegany, Pa.
Clarence Cooper Butler (12/20/41) <i>Vanderbilt University.</i>	Columbus, Ga.
John Sinclair Campbell (6/7/43) <i>University of Michigan.</i>	Manistee, Mich.
Robert Monroe Campbell (12/19/42) <i>Central College.</i>	Neosho, Mo.
Leffie Mahon Carlton, Jr. (12/19/42) <i>John B. Stetson University;</i> <i>Duke University.</i>	Wauchula, Fla.
John Robert Clark, Jr. (6/8/42) <i>Randolph-Macon College.</i>	Stuart, Va.
George Judson Cooper, Jr. (12/19/42) <i>Albion College;</i> <i>Stanford University;</i> <i>Wayne University.</i>	Detroit, Mich.

* The date in parentheses after a name indicates the time of completion of the medical course.

<i>Name and Preparation</i>	<i>Home Address</i>
Joseph Henry Cutchin, Jr. (6/8/42) <i>Davidson College.</i>	Whitakers, N. C.
Roy David Daniel (6/8/42) <i>Florida Southern College;</i> <i>University of Florida.</i>	Fort Myers, Fla.
William Arthur Dinsmore (12/20/41) <i>Pennsylvania State College.</i>	Heilwood, Pa.
Hartwell Price Edwards (6/8/42) <i>Wofford College.</i>	Spartanburg, S. C.
John Robert Egan (12/20/41) <i>Harvard College.</i>	Washington, D. C.
John Mellichamp Fearing (6/8/42) <i>College of Charleston;</i> <i>University of North Carolina.</i>	Charleston, S. C.
Arthur Howard Flowers, Jr. (6/8/42) <i>Heidelberg College.</i>	Dayton, Ohio
Joseph Armistead Ford, Jr. (6/8/42) <i>Lynchburg College;</i> <i>Virginia Military Institute.</i>	Lynchburg, Va.
Elmer Thomas Gale (6/8/42) <i>Duke University.</i>	Clinton, N. C.
Lucy Jane Gregory (6/7/43) <i>Sweet Briar College.</i>	Rocky Mount, N. C.
Matthew Hill Grimmett (6/7/43) <i>Vanderbilt University.</i>	McMinnville, Tenn.
Walter Gordon Hackett (6/7/43) <i>Vanderbilt University.</i>	Rome, Ga.
Joe Frank Harris (6/8/42) <i>Duke University.</i>	Raleigh, N. C.
Harold E. Harvey (6/7/43) <i>Duke University.</i>	Sprague, W. Va.
Watkins Proctor Harvey (6/7/43) <i>Lynchburg College.</i>	Lynchburg, Va.
John Roy Hege, Jr. (3/14/42) <i>Salem College;</i> <i>Duke University.</i>	Winston-Salem, N. C.
Eleanor Jane Herring (12/19/42) <i>Greensboro College;</i> <i>Guilford College.</i>	Roseboro, N. C.
William Samuel Hooten (6/7/43) <i>Lynchburg College.</i>	Lynchburg, Va.
Stephen Francis Horne (12/20/41) <i>Duke University.</i>	Farmington, N. C.
Henry Lee Howard (6/7/43) <i>Duke University;</i> <i>University of South Carolina.</i>	Savannah, Ga.
John Howard (6/7/43) <i>Duke University.</i>	Savannah, Ga.
Carter Wyckoff Howell (6/7/43) <i>Harvard University;</i> <i>Knox College.</i>	Grinnell, Iowa
Frank Randolph Johnston (6/8/42) <i>Presbyterian College.</i>	Greer, S. C.
Roy Mason Kash (12/19/42) <i>Sterling College.</i>	Omer, Ky.
Anthony Vanderbilt Keese (12/19/42) <i>Stanford University.</i>	Pasadena, Calif.

* The date in parentheses after a name indicates the time of completion of the medical course.

<i>Name and Preparation</i>	<i>Home Address</i>
Andrew Antonious Kerhulas (12/19/42)..... <i>Wofford College.</i>	Union, S. C.
Herbert David Kerman (12/20/41)..... <i>Duke University.</i>	West Palm Beach, Fla.
Charles Edward Kernodle, Jr. (6/8/42)..... <i>Elon College.</i>	Elon College, N. C.
John Robert Kernodle (12/20/41)..... <i>Elon College.</i>	Burlington, N. C.
Samuel Rea Kilgore (6/7/43)..... <i>The Citadel.</i>	Woodruff, S. C.
John Franklin Kincaid, Jr. (6/8/42)..... <i>Hampden-Sydney College.</i>	Leesburg, Va.
Herbert Arthur King (12/19/42)..... <i>University of Richmond.</i>	Peabody, Mass.
John Albert Kneipp (6/7/43)..... <i>Duke University.</i>	Washington, D. C.
Lemuel Weyher Kornegay, Jr. (6/7/43)..... <i>Davidson College.</i>	Rocky Mount, N. C.
Frank R. Ledesma-Diaz (6/8/42)..... <i>The Catholic University of America.</i>	San Juan, Puerto Rico
Julian Carr Lentz, Jr. (6/8/42)..... <i>Duke University.</i>	Durham, N. C.
Edward David Levy (12/19/42)..... <i>Harvard College;</i> <i>Duke University.</i>	West Hartford, Conn.
James William Littler (6/8/42)..... <i>Duke University.</i>	Manlius, N. Y.
David Jay McCulloch (12/19/42)..... <i>Ohio State University.</i>	East Liverpool, Ohio
William Campbell McLain, Jr. (6/8/42)..... <i>Duke University;</i> <i>University of South Carolina.</i>	Columbia, S. C.
Brita Rosenqvist McLean (6/8/42)..... <i>University of Pittsburgh.</i>	Oakmont, Pa.
I. William McLean, Jr. (6/8/42)..... <i>Davidson College.</i>	Kingston, Jamaica, B. W. I.
Paul Robinson Massengill (12/19/42)..... <i>Duke University;</i> <i>North Carolina State College.</i>	Raleigh, N. C.
Theo Howell Mees (3/14/42)..... <i>Capital University;</i> <i>University of Maryland.</i>	Chevy Chase, D. C.
David DeLeon Moise (6/8/42)..... <i>University of Maryland;</i> <i>Duke University.</i>	Sumter, S. C.
Frank Theodore Moran (12/20/41)..... <i>Rutgers University;</i> <i>Vanderbilt University.</i>	Jersey City, N. J.
Harry Stoll Mustard, Jr. (6/7/43)..... <i>The Johns Hopkins University;</i> <i>University of South Carolina.</i>	Boykin, S. C.
Beatrice Hart Nahigian (12/19/42)..... <i>Swarthmore College;</i> <i>University of Edinburgh.</i>	Durham, N. C.
Jack Harrell Neese (12/19/42)..... <i>Elon College.</i>	Reidsville, N. C.
William Irvin Neikirk (6/7/43)..... <i>Duke University.</i>	Hagerstown, Md.

* The date in parentheses after a name indicates the time of completion of the medical course.

<i>Name and Preparation</i>	<i>Home Address</i>
William Reynolds Nesbitt, Jr. (6/8/42)..... <i>Williams Junior College;</i> <i>Duke University.</i>	Durham, N. C.
Arthur Francis O'Keeffe (6/7/43)..... <i>The Johns Hopkins University.</i>	Milton, Mass.
Earl Andrew O'Neill (6/8/42)..... <i>Springfield College.</i>	Plainfield, N. J.
John Frederick Ott (12/19/42)..... <i>University of Cincinnati.</i>	Cincinnati, Ohio
John Dickinson Peck, Jr. (12/19/42)..... <i>Virginia Polytechnic Institute.</i>	Summersville, W. Va.
William Anthony Peters, Jr. (12/19/42)..... <i>Duke University.</i>	Elizabeth City, N. C.
Robert Lyons Picken (6/7/43)..... <i>Washington State College.</i>	Tonasket, Wash.
Frank Earl Poole (6/7/43)..... <i>West Virginia University.</i>	Clay, W. Va.
Norman Wesley Rausch (6/7/43)..... <i>Western Maryland College;</i> <i>Duke University.</i>	Maplewood, N. J.
Charles Hamilton Reid, Jr. (6/8/42)..... <i>Salem College;</i> <i>University of North Carolina.</i>	Winston-Salem, N. C.
Frank Newell Reimer (6/8/42)..... <i>Long Beach Junior College;</i> <i>Stanford University.</i>	Long Beach, Calif.
James Franklin Reinhardt (12/20/41)..... <i>Davidson College.</i>	Lincolnton, N. C.
Robert Alfred Greer Ricketson (3/14/42)..... <i>Vanderbilt University.</i>	Braxton, Ga.
John Andrews Ritchie (6/7/43)..... <i>Hampton-Sydney College;</i> <i>University of Virginia.</i>	Hardware, Va.
Benjamin Franklin Roach (6/7/43)..... <i>Duke University.</i>	Midway, Ky.
Luther John Roberts, Jr. (6/8/42)..... <i>Georgia Military Academy;</i> <i>Washington and Lee University.</i>	Newnan, Ga.
James Forbes Rogers (6/8/42)..... <i>Duke University.</i>	Upper Montclair, N. J.
Max Pritchard Rogers (6/8/42)..... <i>High Point College.</i>	Burlington, N. C.
Robert Franklin Ruff (6/7/43)..... <i>Pennsylvania State College.</i>	Jeannette, Pa.
John Greaton Sellers (6/7/43)..... <i>College of William and Mary;</i> <i>Duke University.</i>	Norfolk, Va.
Richard Hopkins Sinden (12/19/42)..... <i>University of Florida.</i>	Dunedin, Fla.
William Crenshaw Smith (6/8/42)..... <i>Randolph-Macon College.</i>	Creeds, Va.
Richard Dean Snipes (6/8/42)..... <i>University of North Carolina.</i>	Hamlet, N. C.
Walter Spaeth, Jr. (6/7/43)..... <i>Duke University.</i>	Southern Pines, N. C.
Helen Starke (6/8/42)..... <i>Duke University.</i>	Ridgewood, N. J.
Harlan Aljean Stiles (12/19/42)..... <i>Marshall College.</i>	Huntington, W. Va.

* The date in parentheses after a name indicates the time of completion of the medical course.

<i>Name and Preparation</i>	<i>Home Address</i>
John Thomas Stone (3/21/42)..... <i>The Citadel.</i>	Greenwood, S. C.
William Conrad Stone (6/8/42)..... <i>Hampden-Sydney College.</i>	Roanoke, Va.
John Mather Street (12/20/41)..... <i>Yale University.</i>	Manzanillo, Cuba
Archie Reid Sutherland (12/19/42)..... <i>Duke University;</i> <i>Emory and Henry College.</i>	Sparta, Ill.
George Foster Sutherland (6/8/42)..... <i>Duke University.</i>	Grundy, Va.
Ralph Gordon Templeton (6/8/42)..... <i>University of North Carolina.</i>	China Grove, N. C.
Andrew Henry Thomas (6/8/42)..... <i>Koanoke College.</i>	New Britain, Conn.
Eric Donald Thompson (6/7/43)..... <i>Duke University;</i> <i>Harvard College.</i>	Montclair, N. J.
Kearns Reid Thompson, Jr. (12/19/42)..... <i>Duke University.</i>	Reidsville, N. C.
Harold Bushman Thurston (6/8/42)..... <i>Duke University.</i>	Martinsburg, W. Va.
James McKnight Timmons (3/21/42)..... <i>Duke University;</i> <i>University of South Carolina.</i>	Columbia, S. C.
Henry Lewis Valk (12/20/41)..... <i>University of North Carolina;</i> <i>University of Pennsylvania.</i>	Winston-Salem, N. C.
Thomas Carter Van Arsdall (6/7/43)..... <i>University of Michigan.</i>	Harrodsburg, Ky.
Harry Noble Vandegrift, Jr. (6/8/42)..... <i>University of Delaware.</i>	Elmhurst, Del.
Robert James Vanderlinde (12/19/42)..... <i>Duke University.</i>	Rochester, N. Y.
Harold Diederich von Glahn (6/8/42)..... <i>Duke University.</i>	Brooklyn, N. Y.
Louis Charles Waller (6/8/42)..... <i>Pennsylvania State College.</i>	Nanticoke, Pa.
Theodore Willard Weeks, Jr. (6/8/42)..... <i>University of Florida.</i>	Moore Haven, Fla.
Garland Odell Wellman (12/19/42)..... <i>Marshall College.</i>	Kenova, W. Va.
Walter F. Whitt, Jr. (6/8/42)..... <i>Catawba College.</i>	Salisbury, N. C.
William Harrison Williams, Jr. (6/7/43)..... <i>Wake Forest College.</i>	Charlotte, N. C.
John McLean Wilson (6/7/43)..... <i>The Citadel.</i>	Darlington, S. C.
Charles Kenneth Wintrup (3/14/42)..... <i>University of Pennsylvania;</i> <i>University of Delaware.</i>	Wilmington, Del.
Marshall Wayne Woodard (6/7/43)..... <i>Mars Hill College;</i> <i>Duke University.</i>	Asheville, N. C.
Harry Clyde Wortman, Jr. (6/8/42)..... <i>University of Tennessee.</i>	Belleville, N. J.
William Armand Wulfman (6/7/43)..... <i>Marshall College.</i>	Huntington, W. Va.
Cabell Young, Jr. (6/7/43)..... <i>North Carolina State College;</i> <i>Duke University.</i>	Charlotte, N. C.

* The date in parentheses after a name indicates the time of completion of the medical course.

THE SCHOOL OF NURSING

SENIOR

Alley, Charlotte	Lingle, Dorothy
Allred, Mary Jewel	McCorkell, Jean
Ayers, Mary Elizabeth	McCollum, Sarah
Bunn, Esper Nann	Maxwell, LaVohn
Combs, Jeanne	Misenheimer, Rachel
Cook, Clara	Moore, Louise
Cowan, Frances	Moore, Mary Alice
Curtis, Catherine	Mortimer, Anne
Ellison, Ethel	Poindexter, Kathleen
Estes, Jean	Poole, Carol
Gaines, Dorothy	Rutledge, Fanny
Garris, Grace	Sheldon, Dorothy
Gum, Margaret	Slade, Lucy
Harvin, Anne	Smythe, Florrie
Jones, Helen	Stone, June
Kirkland, Sara	Steigleman, Betty
Krebs, Gladys	Weintz, Edith
Leatherwood, Elizabeth	Whipple, Isabelle
Letherman, Alice	Wirt, Emma
Ligon, Martha	Wynne, Wilda

JUNIOR

Adams, Katie	Lewis, Janice
Bain, Barbara	Lyon, Frances
Barickman, Martha	Massenburg, Helen
Beaton, Frances	Meeks, Marian
Bowles, Josephine	Melton, Iris
Boykin, Elizabeth	Newman, Ruby
Carter, Myrtle	Parker, Mary Virginia
Coggins, La Una	Peppler, Dorothy
Covington, Mildred	Pipkin, Celia Zoe
Craddock, Alice	Quattlebaum, Louise
Cutlip, Eleanore Lee	Reinhardt, Elizabeth
Decker, Kathryn	Rose, Ernestine
Farrar, Mary Frances	Santos, Elvin
Farquhar, Mary	Sewell, Genevieve
Fox, Irene	Smith, Jean
Gambrell, Vivian	Wall, Jessie
Green, Dorothy	Wells, Lila
Green, Mary Elizabeth	White, Mary Jane
Greenlee, Helen	Whiteside, Kathleen
Harrison, Ethel	Wright, Marybelle
Hartley, Jean	Wright, Ruby
Keesee, Ellen Louise	Yount, Katherine

AFFILIATE

Collier, Josephine	Outz, Louise
Dunn, Josephine	Samayoa, Katherine
Holland, Dallas	

FRESHMAN

Adams, Elizabeth	Baity, Martha
Allen, Mary Grayson	Baldwin, Olive
Arnold, Cora	Barnes, Mary Frances

Benbow, Marjorie	Lambeth, Evelyn
Bennett, Anne	Lewis, Mildred
Blythe, Charlotte	Light, Catherine
Bowers, Elizabeth	Livingood, Mary Louise
Churan, Dorothy	Louthan, Mary
Cobb, Mary Bernice	Lucas, Mary Josephine
Crawley, Hattie Mildred	McCoy, Hazel
Crowder, Janice	McKenzie, Alma
Daffin, Margaret	McMullen, Fay
D'Amico, Frances	May, Barbara
Doud, Jean	O'Briant, Mary
Dull, Margie	Osborne, Lucy
Edwards, Margaret	Pimsner, Leontine
Ezzell, Mary	Raby, Dorothy
Farror, Ethel	Ramsey, Ruth
Fleming, Jessamine	Richardson, Charlotte
Green, Patricia	Roane, Cary
Gunter, Edith	Robinson, Alice
Halter, Gladys	Sawyer, Margaret
Harp, Dorothy	Shearin, Mary
Hayes, Madeline	Slocumb, Ruth
Hedrick, Mahlon	Smith, Betty
Hildreth, Lucille	Smith, Edith Lucille
Hinton, Anna Lee	Smith, Mary Alice
Horton, Virginia	Taylor, Rebekah
House, Martha	Tilley, Sophy
Kincaid, Mary	Voss, Jewel
King, Virginia	Warren, Mary
Kresge, Caroline	White, Evelyn

THE SCHOOL OF FORESTRY

REGULAR STUDENTS

Baldwin, Alan Thorrestруп	Wilmington, Del.
B.S., Duke University, 1941	
Bethel, James Samuel	Blacksburg, Va.
B.S.F., University of Washington, 1937	
M.F., Duke University, 1939	
Bigger, William Parker	Pyengyang, Korea, Japan
B.S., Duke University, 1939	
Cain, Robert Lee	Fayetteville, N. C.
B.S.F., North Carolina State College, 1940	
M.S., New York State College of Forestry, February, 1942	
Deckert, Russell Coulter	Atlanta, Ga.
B.S.F., University of Georgia, 1938	
Ferrell, William Kreiter	Akron, Ohio
B.S.F., University of Michigan, 1941	
Frazier, John Rhett	Blairs, S. C.
B.C.E., Clemson Agricultural College, 1940	
Hahn, Vernon Walter	St. Charles, Ill.
B.S., University of Minnesota, 1941	
Haliburton, William	Montreal, West Que., Canada
B.S.F., University of New Brunswick, 1940	
Minor, Charles Oscar	Churdan, Iowa
B.S.F., Iowa State College, 1941	
Moberg, Theodore Russell	Albuquerque, N. M.
B.A., University of Texas, 1936	
Neel, William Wallace	Thomasville, Ga.
A.B., Emory University, 1940	

Reid, David Gene B.S.F., University of Michigan, 1940	South Charleston, Ohio
Rudolph, Victor John B.S., Utah State Agricultural College, 1941	Little Falls, Minn.
Smith, Marvin Edward B.S., University of Minnesota, 1941	Sioux City, Iowa
Wellwood, Robert William B.A.Sc., University of British Columbia, 1935 M.F., Duke University, 1939	Victoria, B. C., Canada
Young, Harold Edle B.S., University of Maine, 1937	Miami, Fla.

PRE-FORESTRY SENIORS IN THE SCHOOL OF FORESTRY

McGough, Robert Bennett	Philadelphia, Pa.
Mitchell, Robert Edward	Rock Island, Ill.

**STUDENTS OF FORESTRY IN THE GRADUATE SCHOOL OF
ARTS AND SCIENCES**

Buell, Jesse Howard B.S., Wesleyan University, 1922 M.F., Yale University, 1924	Asheville, N. C.
Harper, Verne Lester B.S., University of California, 1926 M.S., University of California, 1927	Chevy Chase, Md.
Jemison, George Meredith B.S., University of Idaho, 1931 M.F., Yale University, 1936	Asheville, N. C.
Kozlowski, Theodore Thomas B.S., New York State College of Forestry, 1939 A.M., Duke University, 1941	Buffalo, N. Y.
Massey, Calvin LeRoy B.S., Colorado State College, 1939 A.M., Duke University, 1940	Wheatridge, Colo.

SUMMARY

GOVERNMENT, ADMINISTRATION, AND INSTRUCTION

Governing Boards		49
Trustees of Duke University	34	
Trustees of Duke Endowment	15	
Officers of Administration		71
The University	5	
Trinity College, the Woman's College, the College of Engineering and the Schools	23	
Assistants in Administration	43	
Officers of Instruction		511*
Professors	109	
Associate Professors	52	
Assistant Professors	92	
Instructors	165	
Instructional Assistants	93**	
Staff of University Libraries		67
Total		698

STUDENTS

Trinity College		1,500
Seniors	273	
Juniors	360	
Sophomores	423	
Freshmen	437	
Special Students	7	
Woman's College		873
Seniors	173	
Juniors	172	
Sophomores	230	
Freshmen	275	
Special Students	23	
College of Engineering		265
The Graduate School of Arts and Sciences		1,160
(253 of these in regular academic year)		
The School of Law		67
First Year	29	
Second Year	13	
Third Year	25	

* Does not include visiting members of Summer Session Faculty.

** Does not include Graduate Assistants, Fellows, and Scholars, some of whom meet classes.

ROLL OF STUDENTS

439

The School of Medicine		368
First Year	76	
Second Year	62	
Junior-Senior Year	124	
Graduates (Interns and Residents)	106	
The School of Nursing		153
Technicians		21
The School of Dietetics		7
The Divinity School		116
Seniors	33	
Middle Year	41	
Juniors	42	
The School of Forestry		24
The Summer Session (less duplicates)		2,068
Graduates, First Term	879	
Graduates, Second Term	478	
Undergraduates, First Term	688	
Undergraduates, Second Term	307	
Junaluska School of Religion, affiliated with Duke University	29	
Summer Quarter, Schools of Medicine and Nursing (Includes special research students)	169	
		6,622
Deduction for names appearing more than once		1,501
		5,121
		3,647

GIFTS AND BEQUESTS

Duke University derives its principal support from endowment funds and from miscellaneous gifts and grants. Permanently invested capital funds enable the University to offer to students academic and professional training at a fraction of its actual cost. The effectiveness of the University is determined to a large extent by its financial resources.

Gifts and bequests devoted to the improvement of the work of the University will be received and administered by the trustees in accordance with the desires of the donor.

Gifts. Any kind of property, real or personal, may be the subject of a gift and only such form as is required to pass title is necessary. If the gift consists of real property, the title will be passed by deed; if it consists of cash or unregistered bonds, the gift is consummated by delivery of the property; or if stocks, by delivery of properly endorsed stock certificates. Unless restricted, the use of gifts is at the discretion of the Board of Trustees. Usually the proceeds, conservatively invested, are added to the permanent endowment of the University. The donor may, however, restrict the use of any gift and designate definitely the objects for which it shall be used. In such cases, the transfer of property would be accomplished by a letter or other document describing in detail the objects for which the proceeds of the gift are to be used and when accepted by the University the terms or conditions set out therein become binding upon it.

Bequests. Bequests may be made to the University by an appropriate clause inserted in a will or by codicil to a will already drawn. The following forms will serve as appropriate clauses for wills or codicils:

General

I give (devise; if real property) and bequeath to Duke University, a corporation existing under the laws of the State of North Carolina and located in the City and County of Durham, State of North Carolina, and its successors forever the sum of.....
dollars (or otherwise describe the gift) for the general purposes and uses of the University at the discretion of the Board of Trustees.

Specific

I give (devise; if real property) and bequeath to Duke University, a corporation existing under the laws of the State of North Carolina and located in the City and County of Durham, State of North Carolina, or its successors forever, the sum of.....dollars (or otherwise describe gift) and direct that the income therefrom shall be used for the following purposes, viz. (here describe in detail the use desired).

Codicil

Having heretofore made my last Will and Testament dated.....
....., and being of sound mind, I hereby make, publish, and declare the following codicil thereto; (here insert clause in same form as if it had been included in body of Will). Except as hereinbefore changed, I hereby ratify, confirm and republish my said last Will and Testament.

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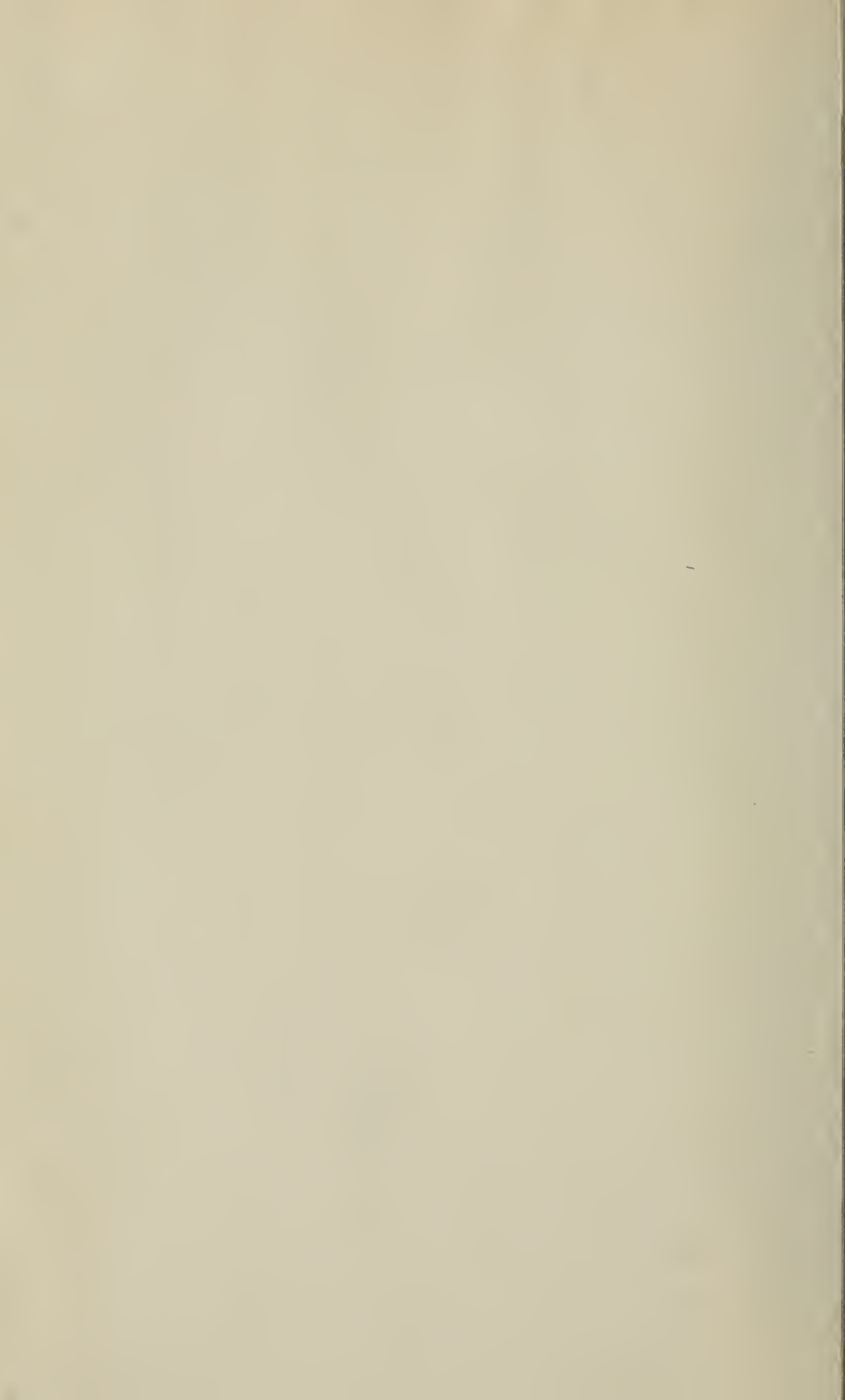
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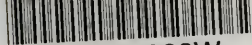
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